

02111000 YADKIN RIVER AT PATTERSON, NC

LOCATION.--Lat 35°59'27", long 81°33'30", Caldwell County, Hydrologic Unit 03040101, on left bank 200 ft upstream from bridge on State Highway 268, 0.4 mi upstream from Warrior Creek, 0.5 mi south of Patterson, 2.0 mi downstream of Walnut Branch, and at mile 416.

DRAINAGE AREA.--28.8 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1303: 1940(m), 1947-48(M). WSP 1553: 1948(P). WDR NC-80-1: 1975(P), drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,211.47 ft above NGVD of 1929. Prior to Feb. 9, 1940, nonrecording gage at present site, at datum 1,212.47 ft. Feb. 9, 1940, to Oct. 20, 1970, recording gage at present site, at datum 1,212.47 ft. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Maximum discharge, for period of record, from rating curve extended above 1,400 ft³/s on basis of computation of peak flow over dam 1 mi upstream at gage heights 4.58, 6.60, 7.70, and 12.70 ft. Minimum discharge for current water year also occurred Sept. 25, 29, 30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1 | 82 | 56 | 83 | 61 | 55 | 64 | 80 | 50 | 40 | 52 | 54 | 43 |
| 2 | 76 | 55 | 73 | 58 | 53 | 55 | 140 | 48 | 75 | 65 | 47 | 39 |
| 3 | 71 | 54 | 70 | 57 | 63 | 53 | 115 | 46 | 51 | 85 | 45 | 37 |
| 4 | 67 | 110 | 67 | 56 | 61 | 53 | 97 | 45 | 45 | 76 | 43 | 35 |
| 5 | 63 | 86 | 63 | 55 | 57 | 57 | 85 | 47 | 41 | 61 | 41 | 34 |
| 6 | 60 | 71 | 63 | 54 | 55 | 59 | 76 | 45 | 39 | 53 | 41 | 33 |
| 7 | 57 | 65 | 65 | 52 | 54 | 56 | 73 | 44 | 62 | 298 | 47 | 33 |
| 8 | 56 | 60 | 61 | 53 | 54 | 59 | 78 | 43 | 91 | 207 | 49 | 32 |
| 9 | 55 | 56 | 86 | 50 | 53 | 53 | 73 | 41 | 78 | 106 | 49 | 31 |
| 10 | 54 | 54 | 101 | 50 | 51 | 51 | 66 | 42 | 103 | 79 | 49 | 30 |
| 11 | 52 | 53 | 93 | 49 | 49 | 50 | 63 | 42 | 88 | 75 | 44 | 30 |
| 12 | 51 | 110 | 82 | 48 | 48 | 49 | 61 | 48 | 73 | 82 | 40 | 29 |
| 13 | 68 | 98 | 76 | 57 | 49 | 48 | 76 | 47 | 336 | 68 | 38 | 29 |
| 14 | 62 | 79 | 69 | 218 | 51 | 50 | 115 | 46 | 171 | 65 | 43 | 28 |
| 15 | 53 | 72 | 65 | 110 | 49 | 47 | 84 | 62 | 97 | 74 | 40 | 28 |
| 16 | 50 | 67 | 63 | 88 | 48 | 49 | 74 | 53 | 75 | 118 | 38 | 28 |
| 17 | 49 | 63 | 61 | 77 | 46 | 55 | 69 | 45 | 63 | 126 | 47 | 29 |
| 18 | 48 | 61 | 60 | 69 | 45 | 50 | 65 | 43 | 57 | 141 | 252 | 27 |
| 19 | 55 | 59 | 58 | 67 | 45 | 49 | 62 | 42 | 64 | 183 | 132 | 26 |
| 20 | 51 | 57 | 55 | 66 | 47 | 48 | 59 | 54 | 65 | 180 | 81 | 26 |
| 21 | 49 | 55 | 56 | 63 | 51 | 47 | 57 | 44 | 72 | 133 | 63 | 25 |
| 22 | 50 | 54 | 52 | 61 | 48 | 48 | 65 | 41 | 56 | 100 | 56 | 25 |
| 23 | 56 | 64 | 206 | 57 | 46 | 76 | 63 | 42 | 50 | 82 | 51 | 25 |
| 24 | 56 | 160 | 144 | e56 | 52 | 68 | 55 | 39 | 47 | 70 | 48 | 24 |
| 25 | 52 | 168 | 105 | 54 | 48 | 61 | 53 | 38 | 45 | 63 | 44 | 25 |
| 26 | 50 | 110 | 90 | 54 | 46 | 57 | 52 | 37 | 44 | 57 | 42 | 28 |
| 27 | 53 | 92 | 80 | 51 | 46 | 61 | 53 | 36 | 42 | 53 | 40 | 27 |
| 28 | 70 | 87 | 73 | 49 | 72 | 265 | 49 | 36 | 42 | 53 | 39 | 24 |
| 29 | 68 | 76 | 69 | e49 | --- | 164 | 59 | 35 | 57 | 76 | 47 | 24 |
| 30 | 66 | 72 | 66 | e51 | --- | 110 | 53 | 35 | 56 | 60 | 63 | 23 |
| 31 | 61 | --- | 63 | 58 | --- | 89 | --- | 34 | --- | 61 | 55 | --- |
| TOTAL | 1,811 | 2,324 | 2,418 | 1,998 | 1,442 | 2,101 | 2,170 | 1,350 | 2,225 | 3,002 | 1,768 | 877 |
| MEAN | 58.4 | 77.5 | 78.0 | 64.5 | 51.5 | 67.8 | 72.3 | 43.5 | 74.2 | 96.8 | 57.0 | 29.2 |
| MAX | 82 | 168 | 206 | 218 | 72 | 265 | 140 | 62 | 336 | 298 | 252 | 43 |
| MIN | 48 | 53 | 52 | 48 | 45 | 47 | 49 | 34 | 39 | 52 | 38 | 23 |
| CFSM | 2.03 | 2.69 | 2.71 | 2.24 | 1.79 | 2.35 | 2.51 | 1.51 | 2.58 | 3.36 | 1.98 | 1.02 |
| IN. | 2.34 | 3.00 | 3.12 | 2.58 | 1.86 | 2.71 | 2.80 | 1.74 | 2.87 | 3.88 | 2.28 | 1.13 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

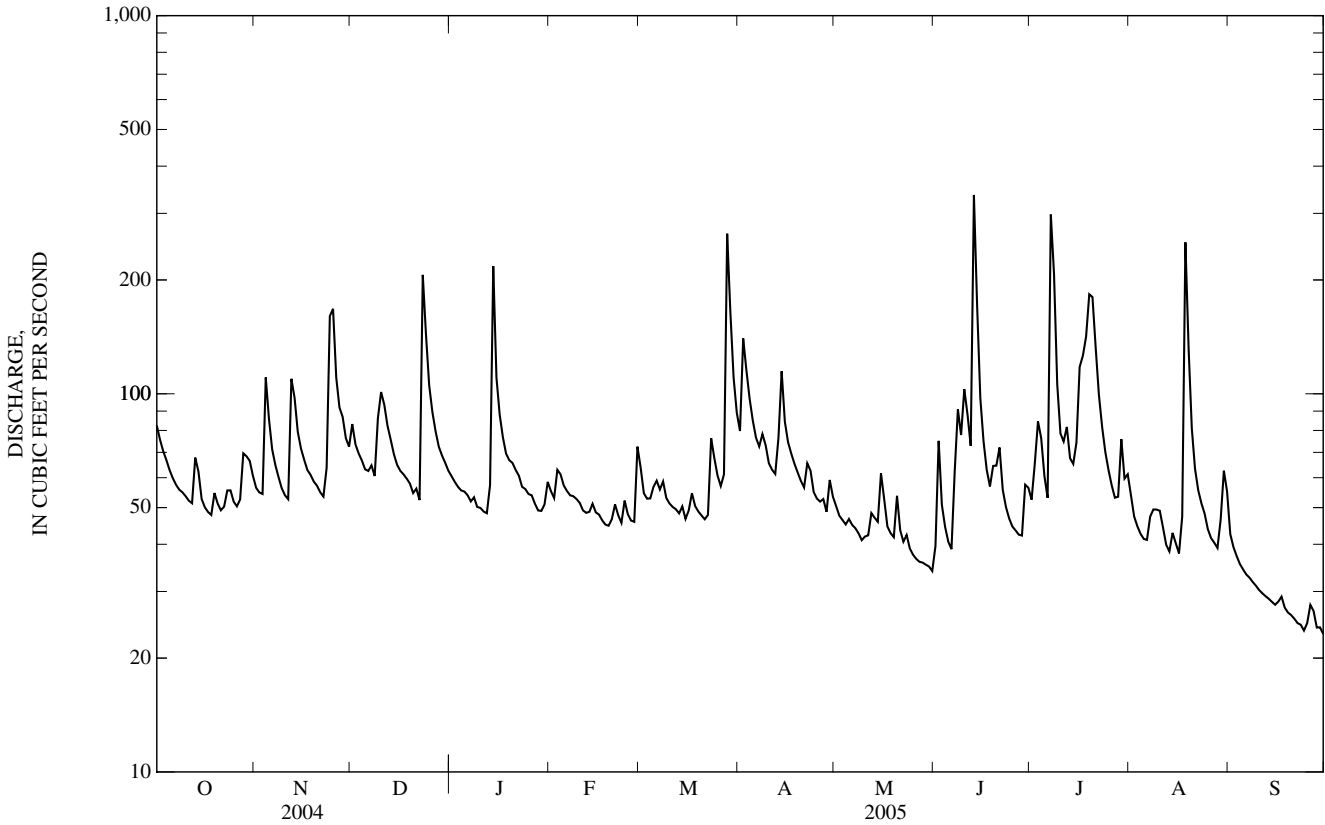
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 35.9 | 41.4 | 45.7 | 50.8 | 60.6 | 72.1 | 69.0 | 53.5 | 49.3 | 40.9 | 44.4 | 37.3 |
| MAX | 149 | 140 | 98.8 | 132 | 143 | 160 | 164 | 125 | 132 | 122 | 194 | 168 |
| (WY) | (1991) | (1978) | (1974) | (1946) | (1960) | (1993) | (1980) | (1973) | (2003) | (2003) | (1940) | (2004) |
| MIN | 8.45 | 9.07 | 11.8 | 11.4 | 17.4 | 23.7 | 26.5 | 16.5 | 13.0 | 9.04 | 6.69 | 6.95 |
| (WY) | (1955) | (1982) | (1956) | (1956) | (2001) | (1988) | (1981) | (2001) | (2002) | (1988) | (2002) | (1954) |

02111000 YADKIN RIVER AT PATTERSON, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1940 - 2005 | |
|--------------------------|------------------------|-------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 24,027 | | 23,486 | | 50.0 | |
| ANNUAL MEAN | 65.6 | | 64.3 | | 78.6 | |
| HIGHEST ANNUAL MEAN | | | | | 21.0 | 2003 |
| LOWEST ANNUAL MEAN | | | | | 21.0 | 2001 |
| HIGHEST DAILY MEAN | 1,400 | Sep 8 | 336 | Jun 13 | 2,130 | Aug 13, 1940 |
| LOWEST DAILY MEAN | 23 | Aug 9 | 23 | Sep 30 | 3.6 | Sep 12, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 25 | Aug 4 | 25 | Sep 24 | 4.1 | Sep 7, 2002 |
| MAXIMUM PEAK FLOW | | | 1,440 | Jun 13 | 16,200* | Aug 13, 1940 |
| MAXIMUM PEAK STAGE | | | 5.40 | Jun 13 | 12.70 | Aug 13, 1940 |
| INSTANTANEOUS LOW FLOW | | | 23* | Sep 24 | 3.0 | May 15, 1940 |
| ANNUAL RUNOFF (CFSM) | 2.28 | | 2.23 | | 1.74 | |
| ANNUAL RUNOFF (INCHES) | 31.03 | | 30.34 | | 23.59 | |
| 10 PERCENT EXCEEDS | 96 | | 92 | | 88 | |
| 50 PERCENT EXCEEDS | 50 | | 55 | | 37 | |
| 90 PERCENT EXCEEDS | 34 | | 38 | | 16 | |

* See REMARKS.

e Estimated.



PRECIPITATION RECORDS

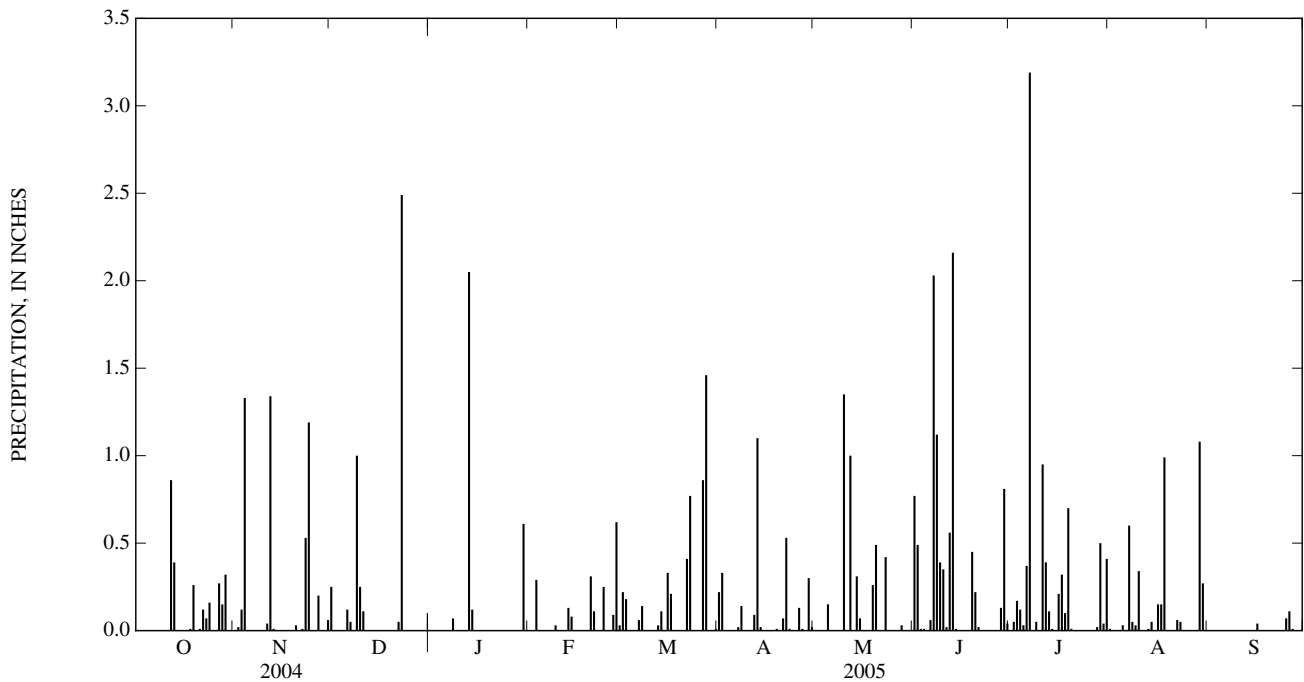
PERIOD OF RECORD.--October 1999 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with U.S. Army Corps of Engineers, Wilmington District. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.03 | 0.22 | 0.00 | 0.77 | 0.00 | 0.01 | 0.00 |
| 2 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.22 | 0.33 | 0.00 | 0.49 | 0.05 | 0.00 | 0.00 |
| 3 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.29 | 0.18 | 0.00 | 0.01 | 0.17 | 0.00 | 0.00 |
| 4 | 0.00 | 1.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.12 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.03 | 0.03 | 0.00 |
| 6 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.37 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.06 | 0.02 | 0.00 | 2.03 | 3.19 | 0.60 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.14 | 0.14 | 0.00 | 1.12 | 0.00 | 0.05 | 0.00 |
| 9 | 0.00 | 0.00 | 1.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.39 | 0.05 | 0.03 | 0.00 |
| 10 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 1.35 | 0.35 | 0.00 | 0.34 | 0.00 |
| 11 | 0.00 | 0.04 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.95 | 0.00 | 0.00 |
| 12 | 0.86 | 1.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 1.00 | 0.56 | 0.39 | 0.00 | 0.00 |
| 13 | 0.39 | 0.01 | 0.00 | 2.05 | 0.13 | 0.03 | 1.10 | 0.00 | 2.16 | 0.11 | 0.01 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.12 | 0.08 | 0.11 | 0.02 | 0.31 | 0.01 | 0.01 | 0.05 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 | 0.00 | 0.00 | 0.21 | 0.15 | 0.04 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.32 | 0.15 | 0.00 |
| 18 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.99 | 0.00 |
| 19 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.26 | 0.45 | 0.70 | 0.00 | 0.00 |
| 20 | 0.00 | 0.03 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.49 | 0.22 | 0.01 | 0.00 | 0.00 |
| 21 | 0.01 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.07 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 22 | 0.12 | 0.01 | 0.05 | 0.00 | 0.00 | 0.41 | 0.53 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 |
| 23 | 0.07 | 0.53 | 2.49 | 0.00 | 0.00 | 0.77 | 0.01 | 0.42 | 0.00 | 0.00 | 0.05 | 0.00 |
| 24 | 0.16 | 1.19 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 |
| 27 | 0.27 | 0.20 | 0.00 | 0.00 | 0.09 | 0.86 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 28 | 0.15 | 0.00 | 0.00 | 0.00 | 0.62 | 1.46 | 0.00 | 0.03 | 0.13 | 0.02 | 0.00 | 0.00 |
| 29 | 0.32 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.30 | 0.00 | 0.81 | 0.50 | 1.08 | 0.00 |
| 30 | 0.00 | 0.06 | 0.00 | 0.61 | --- | 0.00 | 0.02 | 0.00 | 0.04 | 0.04 | 0.27 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.01 | --- | 0.00 | --- | 0.41 | 0.00 | --- |
| TOTAL | 2.62 | 4.88 | 4.32 | 2.85 | 1.91 | 4.82 | 3.00 | 4.08 | 9.65 | 7.75 | 3.87 | 0.23 |



361210081333001 TRIPLETT RAINGAGE

LOCATION.--Lat 36°12'28", long 81°33'34", Watauga County, Hydrologic Unit 03040101, 60 ft west of Secondary Road 1570, 0.3 mi north of Triplett, and 1.7 mi south of Blue Ridge Parkway.

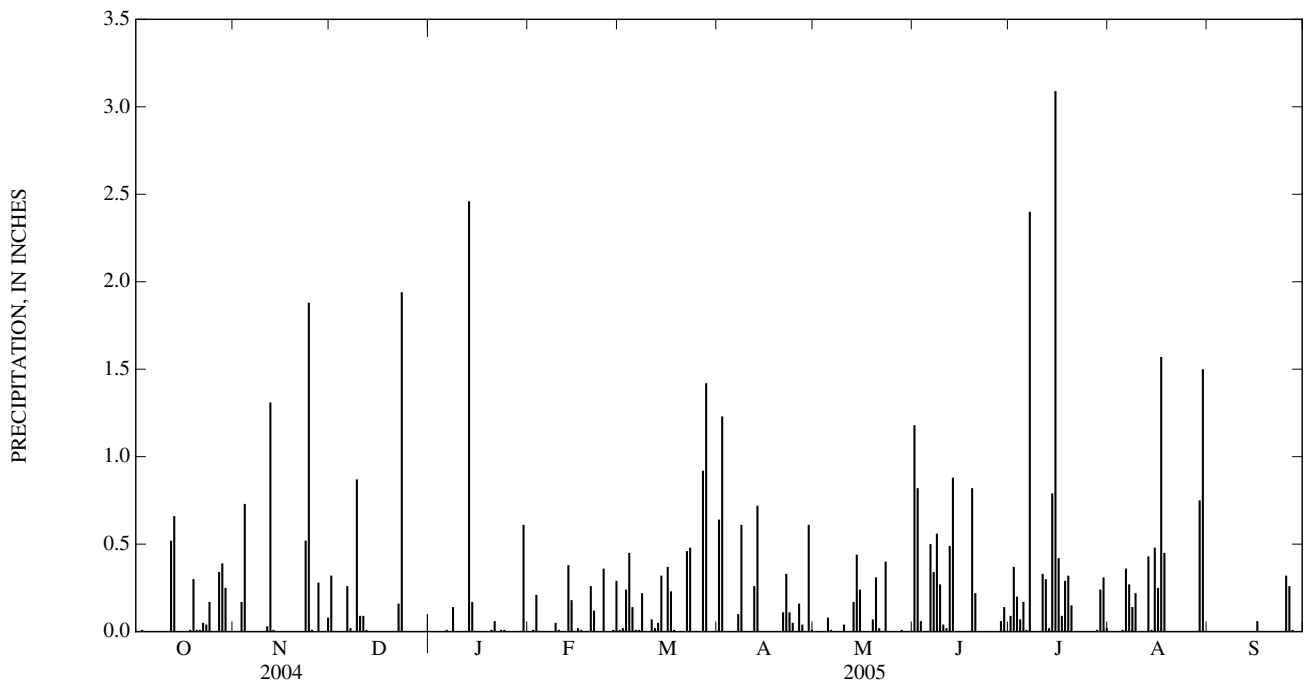
PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with U.S. Army Corps of Engineers, Wilmington District. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.32 | 0.00 | 0.00 | 0.01 | 0.64 | 0.00 | 1.18 | 0.09 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 1.23 | 0.00 | 0.82 | 0.37 | 0.00 | 0.00 |
| 3 | 0.01 | 0.17 | 0.00 | 0.00 | 0.21 | 0.24 | 0.00 | 0.00 | 0.06 | 0.20 | 0.00 | 0.00 |
| 4 | 0.00 | 0.73 | 0.00 | 0.00 | 0.00 | 0.45 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.08 | 0.00 | 0.17 | 0.01 | 0.00 |
| 6 | 0.00 | 0.00 | 0.26 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.50 | 0.01 | 0.36 | 0.00 |
| 7 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.01 | 0.10 | 0.00 | 0.34 | 2.40 | 0.27 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.22 | 0.61 | 0.00 | 0.56 | 0.00 | 0.14 | 0.00 |
| 9 | 0.00 | 0.00 | 0.87 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.27 | 0.00 | 0.22 | 0.00 |
| 10 | 0.00 | 0.00 | 0.09 | 0.00 | 0.01 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.03 | 0.09 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.02 | 0.33 | 0.00 | 0.00 |
| 12 | 0.52 | 1.31 | 0.01 | 0.00 | 0.00 | 0.02 | 0.26 | 0.00 | 0.49 | 0.30 | 0.00 | 0.00 |
| 13 | 0.66 | 0.01 | 0.00 | 2.46 | 0.38 | 0.05 | 0.72 | 0.17 | 0.88 | 0.02 | 0.43 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.17 | 0.18 | 0.32 | 0.00 | 0.44 | 0.00 | 0.79 | 0.01 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 3.09 | 0.48 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.37 | 0.00 | 0.00 | 0.00 | 0.42 | 0.25 | 0.06 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.23 | 0.00 | 0.00 | 0.00 | 0.09 | 1.57 | 0.00 |
| 18 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.29 | 0.45 | 0.00 |
| 19 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.82 | 0.32 | 0.00 | 0.00 |
| 20 | 0.01 | 0.00 | 0.00 | 0.01 | 0.26 | 0.00 | 0.00 | 0.31 | 0.22 | 0.15 | 0.00 | 0.00 |
| 21 | 0.01 | 0.00 | 0.00 | 0.06 | 0.12 | 0.00 | 0.11 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.05 | 0.00 | 0.16 | 0.00 | 0.00 | 0.46 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.04 | 0.52 | 1.94 | 0.01 | 0.00 | 0.48 | 0.11 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.17 | 1.88 | 0.00 | 0.01 | 0.36 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 |
| 27 | 0.34 | 0.28 | 0.00 | 0.00 | 0.01 | 0.92 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 28 | 0.39 | 0.00 | 0.00 | 0.00 | 0.29 | 1.42 | 0.00 | 0.01 | 0.06 | 0.01 | 0.00 | 0.00 |
| 29 | 0.25 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.61 | 0.00 | 0.14 | 0.24 | 0.75 | 0.00 |
| 30 | 0.00 | 0.08 | 0.00 | 0.61 | --- | 0.00 | 0.01 | 0.00 | 0.00 | 0.31 | 1.50 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.02 | 0.00 | --- |
| TOTAL | 2.76 | 5.02 | 3.76 | 3.48 | 1.91 | 5.45 | 4.98 | 1.79 | 6.40 | 9.69 | 6.44 | 0.65 |



0211180 ELK CREEK AT ELKVILLE, NC

LOCATION.--Lat 36°04'17", long 81°24'11", Wilkes County, Hydrologic Unit 03040101, on left bank 700 ft upstream from bridge on State Highway 268 in Elkville, and 3,400 ft upstream from mouth.

DRAINAGE AREA.--48.1 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1965 to current year.

REVISED RECORDS.--WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gages. Datum of gage is 1,082.40 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS --Records fair except those for estimated daily discharges, which are poor. Maximum discharge for period of record, from rating curve extended above 3,200 ft³/s on basis of contracted-opening computation. Minimum discharge for period of record also occurred Sept. 14, 2002. Minimum discharge for current water year also occurred Sept. 25, 30.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Aug. 13, 1940, reached a stage of about 22 ft; discharge, about 70,000 ft³/s, on basis of several contracted-opening and slope-area measurements. A discharge of 6.0 ft³/s was measured Sept. 19, 1956.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 166 | 92 | 144 | 101 | 93 | 122 | 159 | 102 | 66 | 75 | 77 | 67 |
| 2 | 143 | 91 | 127 | 98 | 89 | 103 | 305 | 96 | 172 | 71 | 70 | 60 |
| 3 | 131 | 90 | 123 | 99 | 105 | 98 | 275 | 93 | 131 | 81 | 66 | 55 |
| 4 | 122 | 155 | 115 | 99 | 105 | 98 | 217 | 89 | 106 | 80 | 62 | 53 |
| 5 | 114 | 140 | 103 | 96 | 98 | 105 | 183 | 90 | 89 | 71 | 59 | 51 |
| 6 | 108 | 118 | 100 | 92 | 95 | 117 | 163 | 90 | 78 | 68 | 58 | 49 |
| 7 | 103 | 108 | 103 | 88 | 93 | 111 | 147 | 85 | 81 | 449 | 70 | 48 |
| 8 | 99 | 101 | 96 | 87 | 92 | 119 | 156 | 81 | 98 | 290 | 70 | 47 |
| 9 | 97 | 95 | 131 | 81 | 92 | 107 | 148 | 79 | 122 | 137 | 75 | 45 |
| 10 | 96 | 91 | 178 | 79 | 91 | 101 | 131 | 78 | 127 | 103 | 66 | 45 |
| 11 | 92 | 87 | 157 | 78 | 87 | 97 | 123 | 79 | 113 | 115 | 60 | 43 |
| 12 | 91 | 160 | 137 | 77 | 83 | 94 | 120 | 74 | 102 | 170 | 56 | 43 |
| 13 | 113 | 166 | 125 | 86 | 82 | 90 | 140 | 73 | 320 | 131 | 53 | 42 |
| 14 | 113 | 133 | 113 | 480 | 92 | 95 | 200 | 78 | 231 | 111 | 61 | 41 |
| 15 | 94 | 120 | 105 | 221 | 87 | 87 | 161 | 104 | 147 | e300 | 53 | 40 |
| 16 | 89 | 111 | 100 | 167 | 85 | 90 | 142 | 89 | 114 | 664 | 62 | 40 |
| 17 | 84 | 103 | 98 | 142 | 83 | 105 | 129 | 76 | 98 | 273 | 76 | 47 |
| 18 | 81 | 97 | 95 | 123 | 80 | 97 | 122 | 73 | 86 | 219 | 242 | 39 |
| 19 | 90 | 93 | 93 | 116 | 78 | 92 | 115 | 72 | 107 | 245 | 140 | 37 |
| 20 | 89 | 91 | e91 | 113 | 79 | 90 | 107 | 87 | 110 | 237 | 92 | 35 |
| 21 | 84 | 88 | e89 | 108 | 86 | 88 | 107 | 73 | 89 | 207 | 74 | 34 |
| 22 | 85 | 85 | 84 | 102 | 82 | 88 | 119 | 68 | 80 | 155 | 89 | 33 |
| 23 | 92 | 100 | 391 | 98 | 78 | 162 | 119 | 72 | 74 | 131 | 76 | 33 |
| 24 | 93 | 294 | 300 | e97 | 91 | 174 | 105 | 68 | 71 | 111 | 67 | 33 |
| 25 | 88 | 368 | 199 | 92 | 85 | 138 | 100 | 66 | 68 | 98 | 62 | 34 |
| 26 | 85 | 219 | 162 | 91 | 81 | 123 | 98 | 64 | 66 | 86 | 59 | 42 |
| 27 | 87 | 176 | 138 | 87 | 81 | 121 | 101 | 61 | 65 | 77 | 56 | 43 |
| 28 | 108 | 163 | 123 | 81 | 125 | 687 | 95 | 61 | 65 | 76 | 55 | 35 |
| 29 | 106 | 139 | 116 | 85 | --- | 372 | 109 | 60 | 102 | 99 | 55 | 34 |
| 30 | 103 | 128 | 111 | 103 | --- | 238 | 107 | 60 | 85 | 79 | 90 | 33 |
| 31 | 97 | --- | 106 | 99 | --- | 188 | --- | 60 | --- | 81 | 95 | --- |
| TOTAL | 3,143 | 4,002 | 4,153 | 3,566 | 2,498 | 4,397 | 4,303 | 2,401 | 3,263 | 5,090 | 2,346 | 1,281 |
| MEAN | 101 | 133 | 134 | 115 | 89.2 | 142 | 143 | 77.5 | 109 | 164 | 75.7 | 42.7 |
| MAX | 166 | 368 | 391 | 480 | 125 | 687 | 305 | 104 | 320 | 664 | 242 | 67 |
| MIN | 81 | 85 | 84 | 77 | 78 | 87 | 95 | 60 | 65 | 68 | 53 | 33 |
| CFSM | 2.11 | 2.77 | 2.79 | 2.39 | 1.85 | 2.95 | 2.98 | 1.61 | 2.26 | 3.41 | 1.57 | 0.89 |
| IN. | 2.43 | 3.10 | 3.21 | 2.76 | 1.93 | 3.40 | 3.33 | 1.86 | 2.52 | 3.94 | 1.81 | 0.99 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2005, BY WATER YEAR (WY)

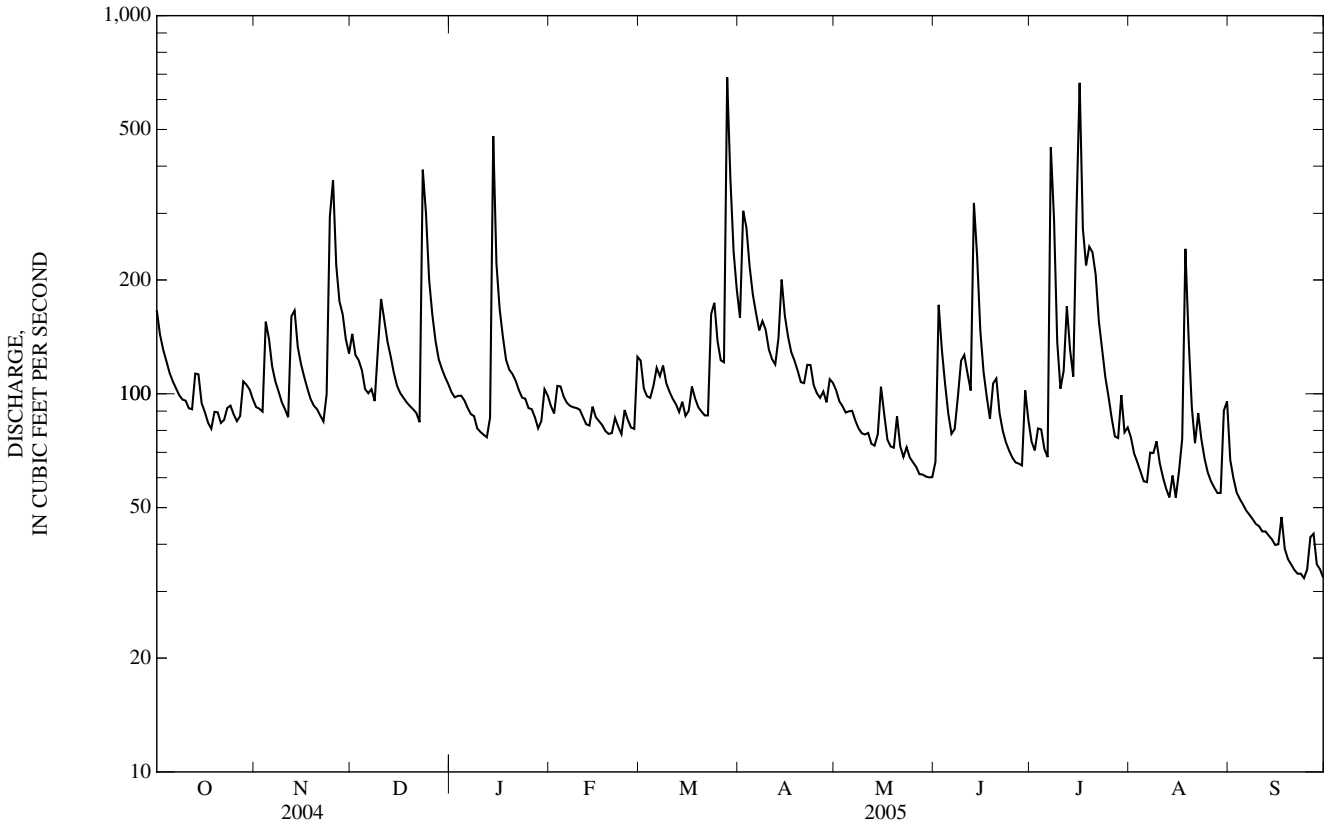
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 73.3 | 89.6 | 88.4 | 102 | 118 | 146 | 141 | 107 | 102 | 72.9 | 79.9 | 68.5 |
| MAX | 298 | 365 | 193 | 323 | 250 | 317 | 379 | 291 | 300 | 211 | 384 | 293 |
| (WY) | (1991) | (1978) | (1974) | (1995) | (1966) | (1993) | (1980) | (1973) | (2003) | (2003) | (1994) | (2004) |
| MIN | 13.7 | 19.8 | 19.1 | 22.5 | 25.0 | 47.9 | 49.9 | 31.0 | 21.7 | 17.6 | 15.3 | 21.0 |
| (WY) | (2001) | (1982) | (2001) | (1981) | (2001) | (1988) | (2001) | (2002) | (1988) | (1988) | (2002) | (2000) |

02111180 ELK CREEK AT ELKVILLE, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1966 - 2005 | |
|--------------------------|------------------------|-------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 38,770 | | 40,443 | | 98.9 | |
| ANNUAL MEAN | 106 | | 111 | | 157 | |
| HIGHEST ANNUAL MEAN | | | | | 35.7 | |
| LOWEST ANNUAL MEAN | | | | | 2001 | |
| HIGHEST DAILY MEAN | 2,950 | Sep 8 | 687 | Mar 28 | 5,890 | Aug 17, 1994 |
| LOWEST DAILY MEAN | 26 | Aug 8 | 33 | Sep 22 | 7.0 | Sep 13, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 28 | Aug 4 | 34 | Sep 19 | 8.0 | Sep 8, 2002 |
| MAXIMUM PEAK FLOW | | | 2,640 | Jul 15 | 18,700* | Aug 17, 1994 |
| MAXIMUM PEAK STAGE | | | 4.74 | Jul 15 | 12.02 | Aug 17, 1994 |
| INSTANTANEOUS LOW FLOW | | | 32* | Sep 24 | 6.8* | Sep 13, 2002 |
| ANNUAL RUNOFF (CFSM) | 2.20 | | 2.30 | | 2.06 | |
| ANNUAL RUNOFF (INCHES) | 29.98 | | 31.28 | | 27.94 | |
| 10 PERCENT EXCEEDS | 157 | | 166 | | 170 | |
| 50 PERCENT EXCEEDS | 82 | | 94 | | 69 | |
| 90 PERCENT EXCEEDS | 42 | | 59 | | 27 | |

* See REMARKS.

e Estimated.



PRECIPITATION RECORDS

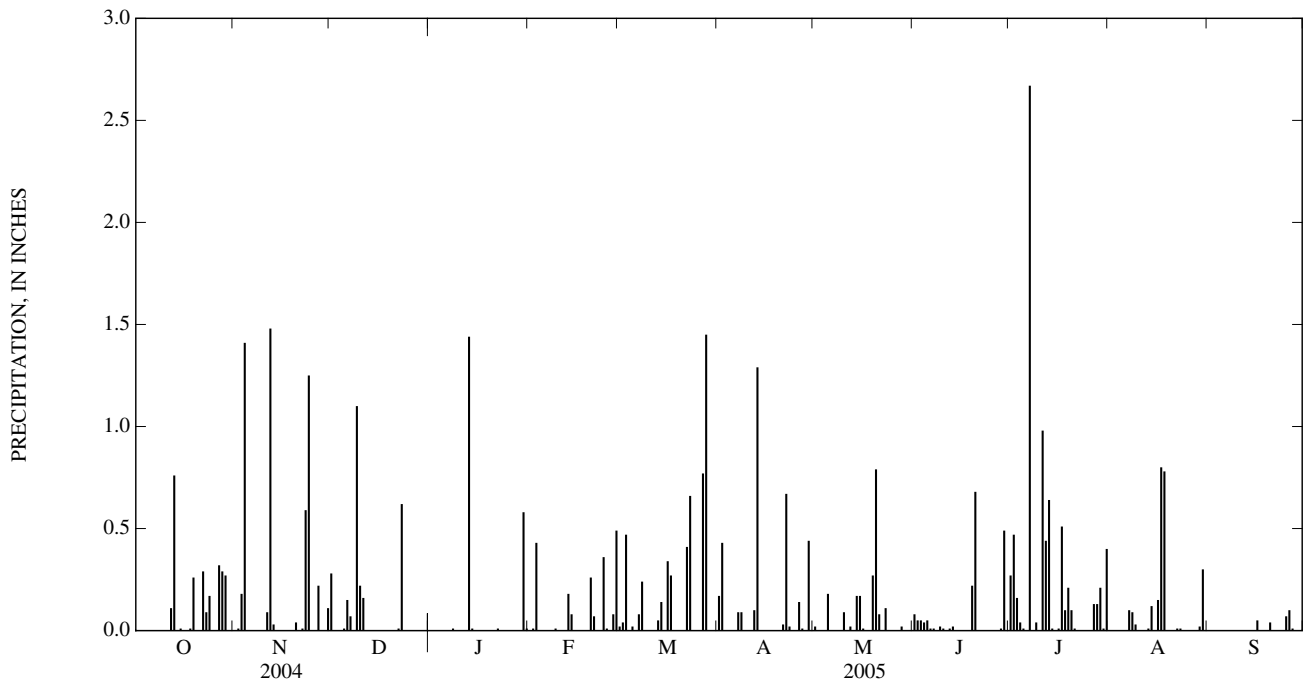
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with U.S. Army Corps of Engineers, Wilmington District. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.02 | 0.17 | 0.02 | 0.08 | 0.27 | 0.00 | 0.00 |
| 2 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.04 | 0.43 | 0.00 | 0.05 | 0.47 | 0.00 | 0.00 |
| 3 | 0.00 | 0.18 | 0.00 | 0.00 | 0.00 | 0.43 | 0.00 | 0.00 | 0.05 | 0.16 | 0.00 | 0.00 |
| 4 | 0.00 | 1.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.04 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.02 | 0.00 | 0.18 | 0.05 | 0.01 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.08 | 0.09 | 0.00 | 0.01 | 2.67 | 0.10 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.24 | 0.09 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 |
| 9 | 0.00 | 0.00 | 1.10 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.02 | 0.04 | 0.03 | 0.00 |
| 10 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.01 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.09 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.00 | 0.00 |
| 12 | 0.11 | 1.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.02 | 0.01 | 0.44 | 0.00 | 0.00 |
| 13 | 0.76 | 0.03 | 0.00 | 1.44 | 0.18 | 0.05 | 1.29 | 0.00 | 0.02 | 0.64 | 0.01 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.01 | 0.08 | 0.14 | 0.00 | 0.17 | 0.00 | 0.01 | 0.12 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 0.00 | 0.01 | 0.00 | 0.01 | 0.15 | 0.05 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 | 0.51 | 0.80 | 0.00 |
| 18 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.78 | 0.00 |
| 19 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.22 | 0.21 | 0.00 | 0.00 |
| 20 | 0.00 | 0.04 | 0.00 | 0.00 | 0.26 | 0.00 | 0.00 | 0.79 | 0.68 | 0.10 | 0.00 | 0.04 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.03 | 0.08 | 0.00 | 0.01 | 0.00 | 0.00 |
| 22 | 0.29 | 0.01 | 0.01 | 0.01 | 0.00 | 0.41 | 0.67 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 23 | 0.09 | 0.59 | 0.62 | 0.00 | 0.00 | 0.66 | 0.02 | 0.11 | 0.00 | 0.00 | 0.01 | 0.00 |
| 24 | 0.17 | 1.25 | 0.00 | 0.00 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 |
| 27 | 0.32 | 0.22 | 0.00 | 0.00 | 0.08 | 0.77 | 0.01 | 0.00 | 0.00 | 0.13 | 0.00 | 0.01 |
| 28 | 0.29 | 0.00 | 0.00 | 0.00 | 0.49 | 1.45 | 0.00 | 0.02 | 0.01 | 0.13 | 0.00 | 0.00 |
| 29 | 0.27 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.44 | 0.00 | 0.49 | 0.21 | 0.02 | 0.00 |
| 30 | 0.00 | 0.11 | 0.00 | 0.58 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.30 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.01 | --- | 0.00 | --- | 0.00 | --- | 0.40 | 0.00 | --- |
| TOTAL | 2.58 | 5.42 | 2.62 | 2.06 | 1.98 | 4.96 | 3.48 | 1.93 | 1.75 | 7.55 | 2.42 | 0.27 |



02111391 W. KERR SCOTT RESERVOIR AT DAM NEAR WILKESBORO, NC

LOCATION.--Lat 36°08'01", long 81°13'36", Wilkes County, Hydrologic Unit 03040101, at W. Kerr Scott Dam on Yadkin River, 0.1 mi upstream from Fish Trap Creek, 2.0 mi upstream from Millers Creek, and 4.0 mi west of Wilkesboro.

DRAINAGE AREA.--367 mi².

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--August 1962 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is 1,000 ft above NGVD of 1929. U.S. Army Corps of Engineers telephone and satellite telemetry at station.

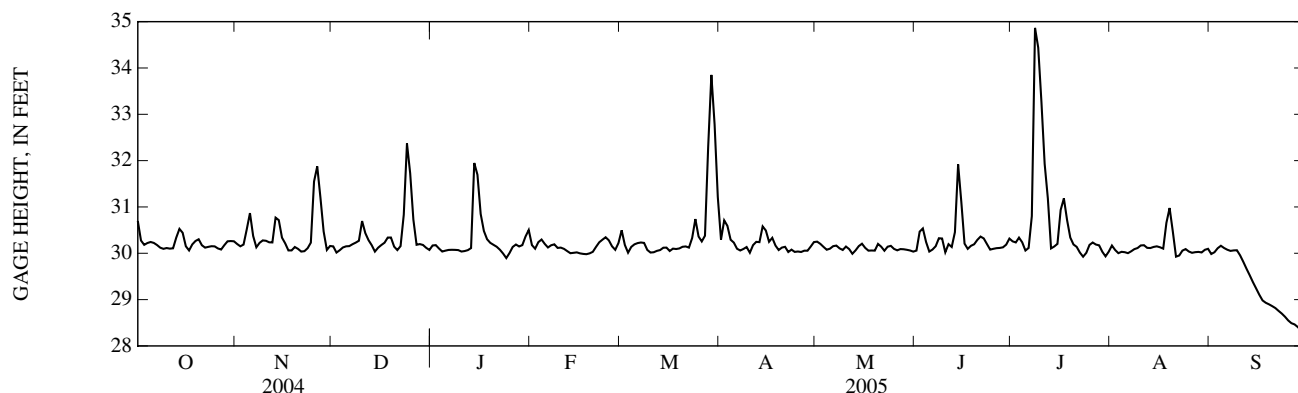
REMARKS.--Records good. Lake is used for flood control, low-flow augmentation, recreation, and water supply. Some storage was affected during construction in July 1962, but gates were closed Aug. 22, 1962. Reservoir reached normal pool elevation on Jan. 19, 1963. Total capacity at elevation 1,075.0 ft is 6,664,680,000 ft³ of which 4,878,720,000 ft³ is controlled flood storage.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 61.20 ft, Nov. 7, 1977; minimum gage height, 19.85 ft, Nov. 26, 1978.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 35.19 ft, July 8; minimum gage height, 28.20 ft, Sept. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 30.70 | 30.20 | 30.15 | 30.17 | 30.18 | 30.50 | 30.30 | 30.25 | 30.06 | 30.26 | 30.17 | 29.98 |
| 2 | 30.28 | 30.15 | 30.02 | 30.18 | 30.10 | 30.18 | 30.71 | 30.20 | 30.47 | 30.23 | 30.07 | 30.02 |
| 3 | 30.18 | 30.19 | 30.06 | 30.10 | 30.24 | 30.01 | 30.59 | 30.14 | 30.54 | 30.34 | 30.00 | 30.11 |
| 4 | 30.22 | 30.52 | 30.13 | 30.04 | 30.30 | 30.14 | 30.29 | 30.08 | 30.24 | 30.24 | 30.03 | 30.16 |
| 5 | 30.24 | 30.87 | 30.15 | 30.06 | 30.20 | 30.19 | 30.23 | 30.10 | 30.04 | 30.06 | 30.02 | 30.11 |
| 6 | 30.22 | 30.37 | 30.15 | 30.07 | 30.12 | 30.22 | 30.10 | 30.15 | 30.08 | 30.11 | 30.00 | 30.08 |
| 7 | 30.18 | 30.13 | 30.20 | 30.08 | 30.17 | 30.23 | 30.06 | 30.17 | 30.15 | 30.80 | 30.04 | 30.05 |
| 8 | 30.12 | 30.22 | 30.23 | 30.07 | 30.19 | 30.22 | 30.09 | 30.11 | 30.32 | 34.87 | 30.09 | 30.06 |
| 9 | 30.10 | 30.28 | 30.27 | 30.07 | 30.12 | 30.07 | 30.14 | 30.07 | 30.32 | 34.44 | 30.11 | 30.07 |
| 10 | 30.11 | 30.27 | 30.70 | 30.04 | 30.12 | 30.02 | 30.01 | 30.15 | 30.02 | 33.26 | 30.17 | 29.95 |
| 11 | 30.10 | 30.24 | 30.44 | 30.05 | 30.10 | 30.02 | 30.18 | 30.09 | 30.20 | 31.93 | 30.17 | 29.82 |
| 12 | 30.11 | 30.23 | 30.28 | 30.07 | 30.05 | 30.05 | 30.25 | 29.99 | 30.14 | 31.18 | 30.12 | 29.67 |
| 13 | 30.34 | 30.77 | 30.17 | 30.11 | 30.00 | 30.07 | 30.24 | 30.06 | 30.46 | 30.11 | 30.11 | 29.53 |
| 14 | 30.53 | 30.72 | 30.04 | 31.95 | 30.01 | 30.12 | 30.58 | 30.15 | 31.92 | 30.15 | 30.14 | 29.38 |
| 15 | 30.44 | 30.34 | 30.12 | 31.70 | 30.02 | 30.12 | 30.49 | 30.21 | 31.11 | 30.20 | 30.15 | 29.24 |
| 16 | 30.15 | 30.21 | 30.18 | 30.85 | 30.00 | 30.05 | 30.25 | 30.12 | 30.21 | 30.93 | 30.13 | 29.10 |
| 17 | 30.06 | 30.06 | 30.23 | 30.48 | 29.99 | 30.10 | 30.33 | 30.06 | 30.10 | 31.18 | 30.10 | 28.98 |
| 18 | 30.19 | 30.06 | 30.34 | 30.30 | 29.98 | 30.09 | 30.17 | 30.06 | 30.16 | 30.72 | 30.66 | 28.93 |
| 19 | 30.27 | 30.14 | 30.34 | 30.23 | 30.00 | 30.10 | 30.07 | 30.06 | 30.19 | 30.34 | 30.98 | 28.90 |
| 20 | 30.30 | 30.10 | 30.14 | 30.18 | 30.03 | 30.14 | 30.12 | 30.20 | 30.29 | 30.19 | 30.47 | 28.86 |
| 21 | 30.17 | 30.04 | 30.07 | 30.14 | 30.14 | 30.15 | 30.14 | 30.14 | 30.36 | 30.14 | 29.93 | 28.82 |
| 22 | 30.12 | 30.05 | 30.16 | 30.08 | 30.24 | 30.12 | 30.03 | 30.05 | 30.32 | 30.02 | 29.95 | 28.76 |
| 23 | 30.14 | 30.11 | 30.83 | 29.99 | 30.29 | 30.33 | 30.08 | 30.14 | 30.20 | 29.93 | 30.06 | 28.70 |
| 24 | 30.15 | 30.23 | 32.37 | 29.90 | 30.35 | 30.74 | 30.03 | 30.16 | 30.08 | 30.01 | 30.09 | 28.63 |
| 25 | 30.15 | 31.55 | 31.73 | 30.00 | 30.28 | 30.36 | 30.04 | 30.09 | 30.10 | 30.18 | 30.04 | 28.55 |
| 26 | 30.10 | 31.88 | 30.73 | 30.14 | 30.15 | 30.26 | 30.03 | 30.06 | 30.11 | 30.23 | 30.01 | 28.49 |
| 27 | 30.08 | 31.20 | 30.18 | 30.19 | 30.07 | 30.38 | 30.06 | 30.09 | 30.12 | 30.19 | 30.02 | 28.46 |
| 28 | 30.17 | 30.47 | 30.20 | 30.15 | 30.22 | 32.29 | 30.06 | 30.09 | 30.13 | 30.17 | 30.03 | 28.41 |
| 29 | 30.26 | 30.07 | 30.18 | 30.18 | --- | 33.85 | 30.15 | 30.07 | 30.19 | 30.03 | 30.02 | 28.33 |
| 30 | 30.26 | 30.16 | 30.12 | 30.36 | --- | 32.78 | 30.24 | 30.06 | 30.32 | 29.93 | 30.07 | 28.25 |
| 31 | 30.26 | --- | 30.07 | 30.50 | --- | 31.22 | --- | 30.04 | --- | 30.03 | 30.10 | --- |
| MEAN | 30.22 | 30.39 | 30.35 | 30.27 | 30.13 | 30.49 | 30.20 | 30.11 | 30.30 | 30.72 | 30.13 | 29.28 |
| MAX | 30.70 | 31.88 | 32.37 | 31.95 | 30.35 | 33.85 | 30.71 | 30.25 | 31.92 | 34.87 | 30.98 | 30.16 |
| MIN | 30.06 | 30.04 | 30.02 | 29.90 | 29.98 | 30.01 | 30.01 | 29.99 | 30.02 | 29.93 | 29.93 | 28.25 |



PRECIPITATION RECORDS

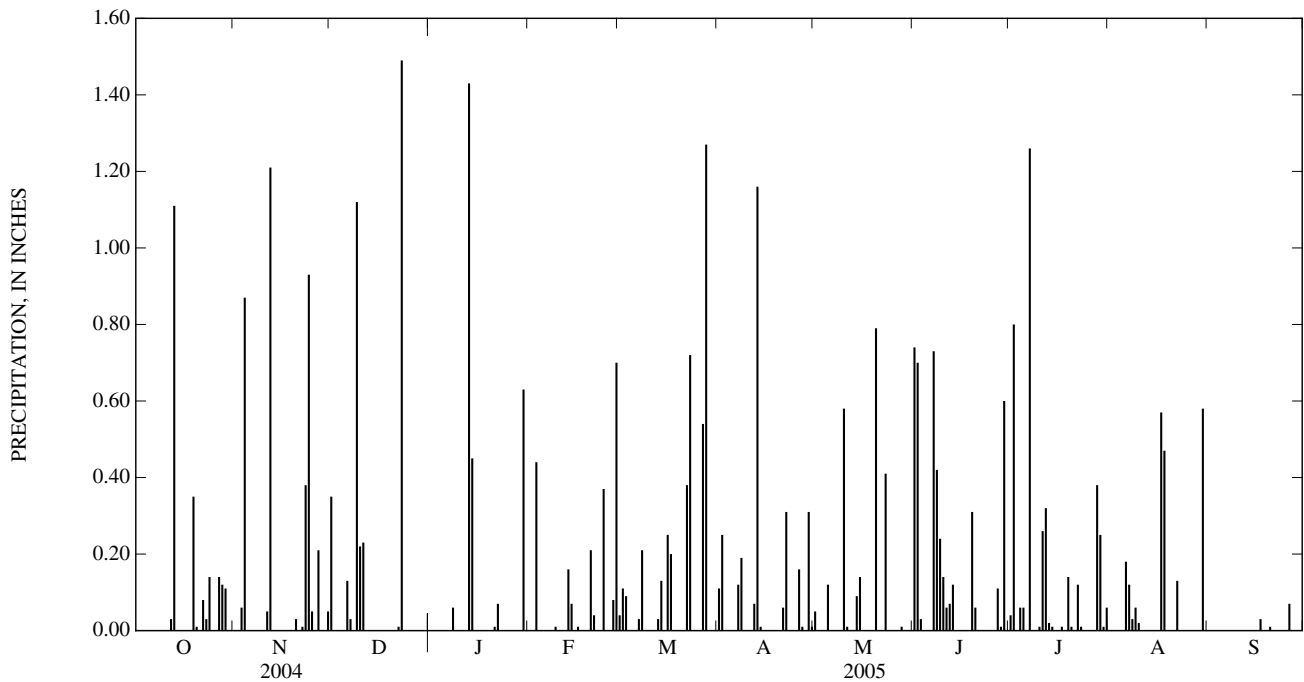
PERIOD OF RECORD.--October 2002 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with U.S. Army Corps of Engineers, Wilmington District. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.35 | 0.00 | 0.00 | 0.04 | 0.11 | 0.05 | 0.74 | 0.04 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.25 | 0.00 | 0.70 | 0.80 | 0.00 | 0.00 |
| 3 | 0.00 | 0.06 | 0.00 | 0.00 | 0.44 | 0.09 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.06 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.00 |
| 7 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.03 | 0.12 | 0.00 | 0.73 | 1.26 | 0.12 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.21 | 0.19 | 0.00 | 0.42 | 0.00 | 0.03 | 0.00 |
| 9 | 0.00 | 0.00 | 1.12 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.06 | 0.00 |
| 10 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 0.14 | 0.01 | 0.02 | 0.00 |
| 11 | 0.00 | 0.05 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.06 | 0.26 | 0.00 | 0.00 |
| 12 | 0.03 | 1.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.07 | 0.32 | 0.00 | 0.00 |
| 13 | 1.11 | 0.00 | 0.00 | 1.43 | 0.16 | 0.03 | 1.16 | 0.00 | 0.12 | 0.02 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.45 | 0.07 | 0.13 | 0.01 | 0.09 | 0.00 | 0.01 | 0.00 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.01 | 0.57 | 0.03 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.47 | 0.00 |
| 19 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.14 | 0.00 | 0.00 |
| 20 | 0.01 | 0.03 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.79 | 0.06 | 0.01 | 0.00 | 0.01 |
| 21 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.08 | 0.01 | 0.01 | 0.07 | 0.00 | 0.38 | 0.31 | 0.00 | 0.00 | 0.12 | 0.13 | 0.00 |
| 23 | 0.03 | 0.38 | 1.49 | 0.00 | 0.00 | 0.72 | 0.00 | 0.41 | 0.00 | 0.01 | 0.00 | 0.00 |
| 24 | 0.14 | 0.93 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |
| 27 | 0.14 | 0.21 | 0.00 | 0.00 | 0.08 | 0.54 | 0.01 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 |
| 28 | 0.12 | 0.00 | 0.00 | 0.00 | 0.70 | 1.27 | 0.00 | 0.01 | 0.01 | 0.38 | 0.00 | 0.00 |
| 29 | 0.11 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.31 | 0.00 | 0.60 | 0.25 | 0.00 | 0.00 |
| 30 | 0.00 | 0.05 | 0.00 | 0.63 | --- | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.58 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.06 | 0.00 | --- |
| TOTAL | 2.12 | 3.85 | 3.58 | 2.65 | 2.09 | 4.00 | 2.77 | 2.20 | 4.34 | 3.83 | 2.16 | 0.11 |



361554081191701 WILBAR RAINGAGE

LOCATION.--Lat 36°17'27", long 81°20'07", Wilkes County, Hydrologic Unit 03040101, 300 ft northeast of NC Hwy 16, 2.0 mi northwest of Wilbar, and 4.0 mi southwest of Horse Gap.

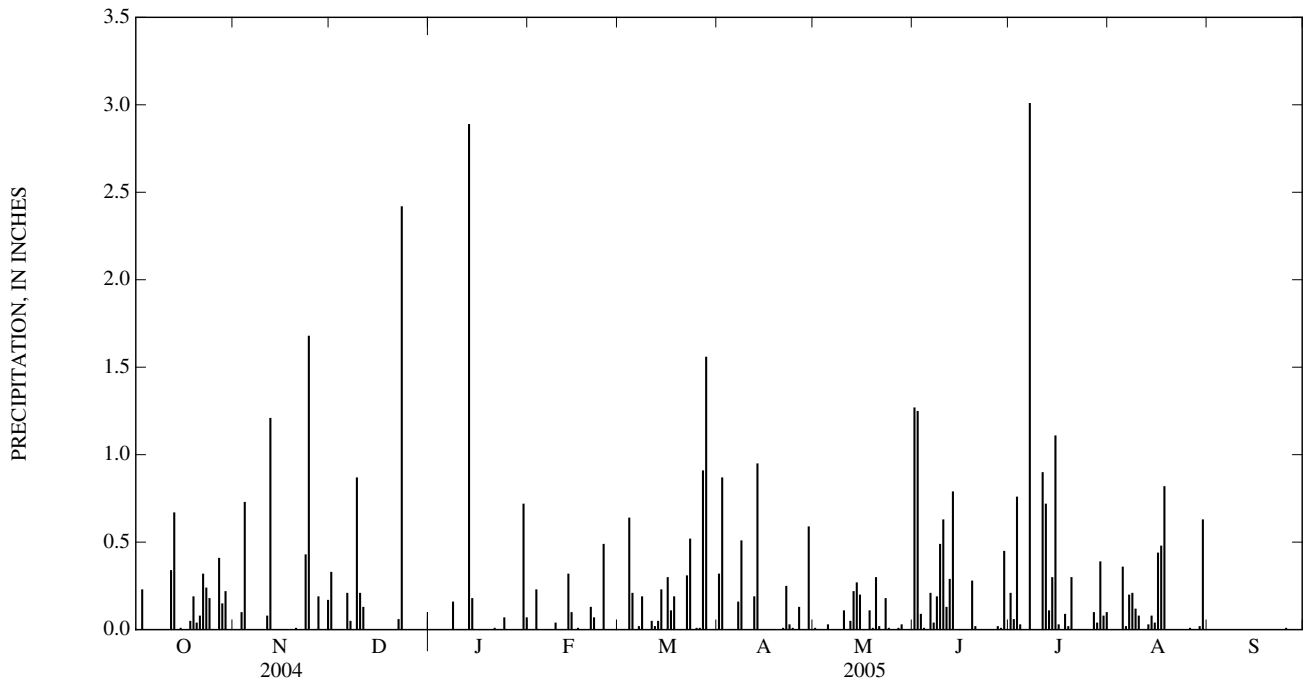
PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with U.S. Army Corps of Engineers, Wilmington District. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.33 | 0.00 | 0.00 | 0.00 | 0.32 | 0.01 | 1.27 | 0.21 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.00 | 1.25 | 0.06 | 0.00 | 0.00 |
| 3 | 0.23 | 0.10 | 0.00 | 0.00 | 0.23 | 0.00 | 0.00 | 0.00 | 0.09 | 0.76 | 0.00 | 0.00 |
| 4 | 0.00 | 0.73 | 0.00 | 0.00 | 0.00 | 0.64 | 0.00 | 0.00 | 0.01 | 0.03 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.03 | 0.00 | 0.00 | 0.36 | 0.00 |
| 6 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.02 | 0.00 |
| 7 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.02 | 0.16 | 0.00 | 0.04 | 3.01 | 0.20 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.19 | 0.51 | 0.00 | 0.19 | 0.00 | 0.21 | 0.00 |
| 9 | 0.00 | 0.00 | 0.87 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.49 | 0.00 | 0.12 | 0.00 |
| 10 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.63 | 0.00 | 0.08 | 0.00 |
| 11 | 0.00 | 0.08 | 0.13 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.13 | 0.90 | 0.00 | 0.00 |
| 12 | 0.34 | 1.21 | 0.00 | 0.00 | 0.00 | 0.02 | 0.19 | 0.05 | 0.29 | 0.72 | 0.00 | 0.00 |
| 13 | 0.67 | 0.00 | 0.00 | 2.89 | 0.32 | 0.05 | 0.95 | 0.22 | 0.79 | 0.11 | 0.03 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.18 | 0.10 | 0.23 | 0.00 | 0.27 | 0.00 | 0.30 | 0.08 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 1.11 | 0.04 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.30 | 0.00 | 0.00 | 0.00 | 0.03 | 0.44 | 0.00 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.48 | 0.00 |
| 18 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.11 | 0.00 | 0.09 | 0.82 | 0.00 |
| 19 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.28 | 0.02 | 0.00 | 0.00 |
| 20 | 0.04 | 0.01 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.30 | 0.02 | 0.30 | 0.00 | 0.00 |
| 21 | 0.08 | 0.00 | 0.00 | 0.01 | 0.07 | 0.00 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.32 | 0.00 | 0.06 | 0.00 | 0.00 | 0.31 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.24 | 0.43 | 2.42 | 0.00 | 0.00 | 0.52 | 0.03 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.18 | 1.68 | 0.00 | 0.07 | 0.49 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.13 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 27 | 0.41 | 0.19 | 0.00 | 0.00 | 0.00 | 0.91 | 0.00 | 0.01 | 0.02 | 0.10 | 0.00 | 0.00 |
| 28 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 1.56 | 0.00 | 0.03 | 0.01 | 0.04 | 0.00 | 0.00 |
| 29 | 0.22 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.59 | 0.00 | 0.45 | 0.39 | 0.02 | 0.00 |
| 30 | 0.00 | 0.17 | 0.00 | 0.72 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.63 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.07 | --- | 0.00 | --- | 0.00 | --- | 0.10 | 0.00 | --- |
| TOTAL | 3.13 | 4.60 | 4.28 | 4.10 | 1.39 | 5.33 | 4.02 | 1.56 | 6.17 | 8.36 | 3.54 | 0.01 |



02111500 REDDIES RIVER AT NORTH WILKESBORO, NC

LOCATION.--Lat 36°10'30", long 81°10'08", Wilkes County, Hydrologic Unit 03040101, on left bank 550 ft upstream from bridge on Secondary Road 1517, 1.4 mi upstream from North Wilkesboro municipal dam, 1.2 mi northwest of North Wilkesboro, and 2.3 mi upstream from mouth.

DRAINAGE AREA.--89.2 mi².

PERIOD OF RECORD.--October 1939 to current year. Monthly discharge only for some periods, published in WSP 1303.

REVISED RECORDS.--WSP 1433: 1944. WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 978.62 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Slight diurnal fluctuation at low flow during growing season. Maximum discharge for period of record, from rating curve extended above 5,600 ft³/s on basis of computation of peak flow over dam; gage height: 22.02 ft. Minimum discharge for period of record also occurred Aug. 15, 2002. Minimum discharge for current water year also occurred Sept. 25.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 197 | 125 | 169 | 143 | 144 | 185 | 210 | 146 | 108 | 107 | 126 | 92 |
| 2 | 178 | 120 | 146 | 139 | 138 | 155 | 333 | 140 | 264 | 171 | 112 | 87 |
| 3 | 168 | 116 | 140 | 136 | 167 | 148 | 269 | 137 | 185 | 153 | 107 | 84 |
| 4 | 157 | 187 | 138 | 135 | 164 | 145 | 229 | 134 | 149 | 130 | 105 | 81 |
| 5 | 144 | 157 | 136 | 134 | 152 | 157 | 210 | 134 | 132 | 143 | 104 | 80 |
| 6 | 137 | 140 | 136 | 134 | 146 | 164 | 195 | 134 | 122 | 131 | 107 | 78 |
| 7 | 133 | 137 | 142 | 129 | 143 | 153 | 192 | 131 | 156 | 587 | 116 | 78 |
| 8 | 127 | 131 | 138 | 133 | 141 | 161 | 210 | 128 | 161 | 396 | 118 | 76 |
| 9 | 125 | 125 | 202 | 126 | 140 | 143 | 194 | 124 | 165 | 184 | 129 | 76 |
| 10 | 123 | 120 | 267 | 125 | 139 | 138 | 179 | 127 | 217 | 147 | 130 | 74 |
| 11 | 118 | 117 | 214 | 123 | 131 | 136 | 174 | 156 | 206 | 137 | 124 | 73 |
| 12 | 116 | 208 | 176 | 122 | 129 | 133 | 170 | 130 | 166 | 211 | 103 | 71 |
| 13 | 163 | 196 | 158 | 142 | 129 | 128 | 204 | 127 | 219 | 203 | 98 | 71 |
| 14 | 153 | 148 | 143 | 996 | 143 | 137 | 269 | 138 | 204 | 216 | 136 | 70 |
| 15 | 127 | 140 | 140 | 295 | 134 | 126 | 204 | 166 | 159 | 297 | 109 | 71 |
| 16 | 118 | 140 | 139 | 229 | 131 | 132 | 185 | 146 | 140 | 570 | 109 | 69 |
| 17 | 112 | 137 | 139 | 199 | 127 | 157 | 177 | 129 | 129 | 262 | 136 | 70 |
| 18 | 109 | 132 | 139 | 178 | 122 | 144 | 172 | 125 | 121 | 205 | 293 | 68 |
| 19 | 115 | 129 | 139 | 170 | 120 | 139 | 167 | 127 | 119 | 188 | 194 | 65 |
| 20 | 116 | 126 | e136 | 166 | 121 | 134 | 161 | 155 | 121 | 181 | 144 | 65 |
| 21 | 112 | 124 | e132 | 162 | 129 | 130 | 157 | 133 | 136 | 180 | 122 | 65 |
| 22 | 113 | 121 | 130 | 156 | 124 | 128 | 167 | 121 | 120 | 154 | 109 | 63 |
| 23 | 123 | 132 | 630 | 147 | 118 | 342 | 175 | 121 | 111 | 140 | 105 | 65 |
| 24 | 130 | 305 | 340 | 147 | 141 | 242 | 155 | 116 | 107 | 129 | 106 | 62 |
| 25 | 121 | 313 | 230 | 144 | 133 | 183 | 150 | 112 | 103 | 124 | 101 | 64 |
| 26 | 113 | 193 | 197 | 143 | 125 | 165 | 148 | 110 | 101 | 118 | 99 | 75 |
| 27 | 118 | 164 | 175 | 137 | 122 | 167 | 152 | 107 | 107 | 114 | 96 | 76 |
| 28 | 143 | 163 | 162 | 130 | 197 | 942 | 143 | 106 | 111 | 117 | 94 | 67 |
| 29 | 143 | 143 | 157 | 137 | --- | 412 | 169 | 106 | 142 | 147 | 91 | 67 |
| 30 | 139 | 138 | 152 | 159 | --- | 277 | 157 | 105 | 132 | 123 | 111 | 64 |
| 31 | 134 | --- | 146 | 155 | --- | 231 | --- | 101 | --- | 137 | 114 | --- |
| TOTAL | 4,125 | 4,627 | 5,588 | 5,571 | 3,850 | 6,134 | 5,677 | 3,972 | 4,413 | 6,102 | 3,748 | 2,167 |
| MEAN | 133 | 154 | 180 | 180 | 138 | 198 | 189 | 128 | 147 | 197 | 121 | 72.2 |
| MAX | 197 | 313 | 630 | 996 | 197 | 942 | 333 | 166 | 264 | 587 | 293 | 92 |
| MIN | 109 | 116 | 130 | 122 | 118 | 126 | 143 | 101 | 101 | 107 | 91 | 62 |
| CFSM | 1.49 | 1.73 | 2.02 | 2.01 | 1.54 | 2.22 | 2.12 | 1.44 | 1.65 | 2.21 | 1.36 | 0.81 |
| IN. | 1.72 | 1.93 | 2.33 | 2.32 | 1.61 | 2.56 | 2.37 | 1.66 | 1.84 | 2.54 | 1.56 | 0.90 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

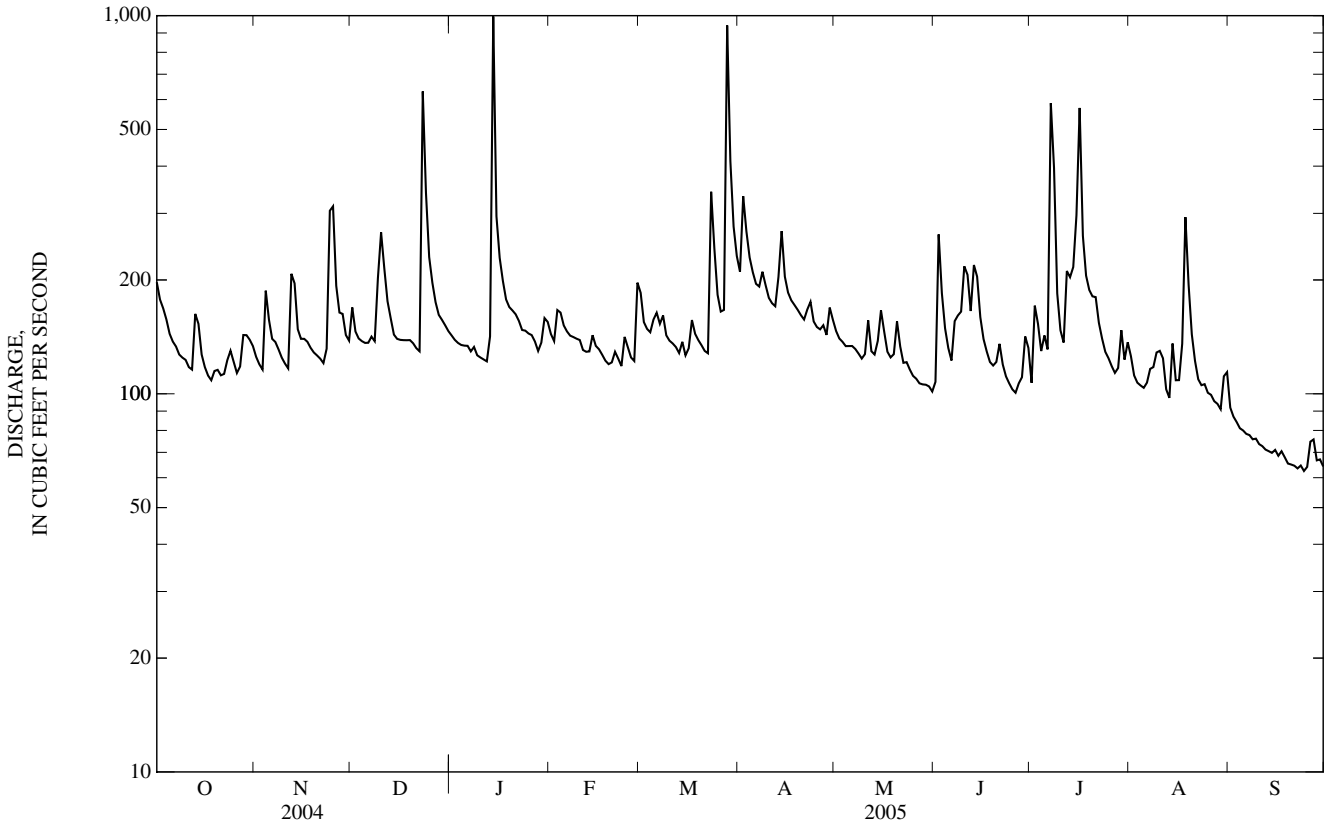
| MEAN | 108 | 118 | 129 | 141 | 162 | 190 | 191 | 156 | 145 | 122 | 122 | 114 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MAX | 309 | 379 | 273 | 374 | 386 | 405 | 536 | 353 | 412 | 335 | 587 | 479 |
| (WY) | (1977) | (1978) | (1974) | (1996) | (1960) | (1975) | (1980) | (1973) | (1976) | (1941) | (1940) | (1945) |
| MIN | 33.1 | 35.1 | 44.3 | 44.5 | 50.6 | 77.3 | 68.1 | 47.8 | 32.8 | 31.8 | 22.1 | 30.8 |
| (WY) | (2001) | (2002) | (2001) | (1956) | (2001) | (1940) | (2001) | (2002) | (2002) | (2002) | (2002) | (1954) |

02111500 REDDIES RIVER AT NORTH WILKESBORO, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1940 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 54,146 | | 55,974 | | 141 | |
| ANNUAL MEAN | 148 | | 153 | | 51.0 | |
| HIGHEST ANNUAL MEAN | | | | | 218 | 1973 |
| LOWEST ANNUAL MEAN | | | | | 51.0 | 2002 |
| HIGHEST DAILY MEAN | 2,210 | Sep 8 | 996 | Jan 14 | 7,600 | Aug 14, 1940 |
| LOWEST DAILY MEAN | 64 | Aug 27 | 62 | Sep 24 | 13 | Aug 14, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 68 | Aug 21 | 64 | Sep 19 | 14 | Aug 8, 2002 |
| MAXIMUM PEAK FLOW | | | 2,760 | Jan 14 | 27,000* | Aug 14, 1940 |
| MAXIMUM PEAK STAGE | | | 6.92 | Jan 14 | 22.02 | Aug 14, 1940 |
| INSTANTANEOUS LOW FLOW | | | 60* | Sep 24 | 12* | Aug 14, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.66 | | 1.72 | | 1.59 | |
| ANNUAL RUNOFF (INCHES) | 22.58 | | 23.34 | | 21.54 | |
| 10 PERCENT EXCEEDS | 195 | | 205 | | 229 | |
| 50 PERCENT EXCEEDS | 126 | | 137 | | 111 | |
| 90 PERCENT EXCEEDS | 80 | | 101 | | 57 | |

* See REMARKS.

e Estimated.



02112000 YADKIN RIVER AT WILKESBORO, NC

LOCATION.--Lat 36°09'09", long 81°08'44", Wilkes County, Hydrologic Unit 03040101, on right bank 150 ft upstream from bridge on State Highways 18 and 268 between North Wilkesboro and Wilkesboro, 150 ft downstream of Reddies River, 0.5 mi northeast of Wilkesboro, and 382 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--504 mi².

PERIOD OF RECORD.--April 1903 to June 1909, October 1920 to current year. Prior to October 1928, published as "Yadkin River at North Wilkesboro".

REVISED RECORDS.--WSP 1433: 1903-09, 1922, 1925-26(M), 1930, 1932, 1934, 1946-48(M), drainage area at former site. WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 942.35 ft above NGVD of 1929. Apr. 10, 1903, to June 30, 1909, and Oct. 17, 1920, to Apr. 10, 1929, nonrecording gage at site 1.2 mi downstream at different datum. Apr. 11, 1929, to Jan. 9, 1930, nonrecording gage at present site and datum. U.S. Army Corps of Engineers telephone and satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Flow regulated since 1962 by W. Kerr Scott Reservoir (station 02111391) 5.5 mi upstream. Prior to regulation maximum discharge: 160,000 ft³/s, Aug. 14, 1940, from rating curve extended above 20,000 ft³/s on basis of slope-area measurement of peak flow; gage height: 37.6 ft, from floodmarks.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in July 1916 reached a stage of 34.5 ft present site and datum, from floodmark; discharge, 116,000 ft³/s, from rating curve extended as explained above.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | 1,410 | 751 | 1,130 | 800 | 1,070 | 1,120 | 1,510 | 808 | 539 | 701 | 660 | 572 |
| 2 | 1,250 | 678 | 1,020 | 876 | 736 | 1,160 | 1,490 | 784 | 993 | 850 | 721 | 433 |
| 3 | 1,040 | 632 | 829 | 884 | 830 | 914 | 1,910 | 775 | 1,150 | 968 | 599 | 392 |
| 4 | 878 | 898 | 826 | 827 | 940 | 786 | 1,470 | 721 | 1,040 | 1,000 | 537 | 440 |
| 5 | 847 | 1,290 | 818 | 780 | 910 | 866 | 1,240 | 685 | 789 | 899 | 569 | 468 |
| 6 | 820 | 1,330 | 815 | 774 | 829 | 909 | 1,200 | 680 | 593 | 740 | 566 | 430 |
| 7 | 822 | 884 | 831 | 766 | 748 | 886 | 1,110 | 707 | 659 | 1,270 | 565 | 416 |
| 8 | 773 | 644 | 802 | 772 | 796 | 972 | 1,090 | 726 | 1,040 | 1,610 | 636 | 377 |
| 9 | 725 | 689 | 1,050 | 763 | 819 | 934 | 1,140 | 630 | 1,320 | 2,090 | 648 | 423 |
| 10 | 706 | 688 | 1,670 | 751 | 743 | 807 | 1,040 | 635 | 1,260 | 2,020 | 648 | 484 |
| 11 | 701 | 724 | 1,730 | 700 | 738 | 760 | 826 | 804 | 1,080 | 1,920 | 634 | 484 |
| 12 | 661 | 1,150 | 1,300 | 701 | 737 | 745 | 949 | 658 | 1,040 | 2,170 | 561 | 474 |
| 13 | 862 | 1,210 | 1,190 | 748 | 740 | 740 | 1,150 | 607 | 972 | 1,910 | 516 | 463 |
| 14 | 903 | 1,270 | 980 | 2,970 | 752 | 745 | 1,560 | 635 | 1,560 | 1,220 | 566 | 462 |
| 15 | 920 | 1,170 | 838 | 2,510 | 736 | 772 | 1,490 | 851 | 1,930 | 1,160 | 576 | 462 |
| 16 | 875 | 943 | 827 | 1,800 | 732 | 791 | 1,220 | 844 | 1,350 | 1,730 | 569 | 458 |
| 17 | 612 | 871 | 777 | 1,310 | 701 | 826 | 995 | 685 | 808 | 1,710 | 597 | 440 |
| 18 | 526 | 731 | 764 | 1,110 | 652 | 850 | 1,130 | 634 | 703 | 1,710 | 1,230 | 394 |
| 19 | 631 | 732 | 846 | 976 | 630 | 752 | 974 | 637 | 739 | 1,560 | 1,450 | 363 |
| 20 | 725 | 796 | 908 | 961 | 639 | 746 | 851 | 873 | 816 | 1,510 | 1,390 | 360 |
| 21 | 751 | 770 | 697 | 950 | 644 | 741 | 919 | 851 | 823 | 1,380 | 903 | 366 |
| 22 | 661 | 658 | 698 | 933 | 633 | 773 | 1,010 | 675 | 798 | 1,150 | 597 | 370 |
| 23 | 698 | 745 | 1,800 | 907 | 624 | 1,240 | 1,030 | 601 | 777 | 1,000 | 573 | 370 |
| 24 | 733 | 1,330 | 2,170 | 794 | 753 | 1,450 | 871 | 656 | 717 | 775 | 595 | 368 |
| 25 | 709 | 1,460 | 2,250 | 695 | 817 | 1,310 | 807 | 611 | 621 | 666 | 597 | 385 |
| 26 | 677 | 1,590 | 2,000 | 708 | 792 | 1,040 | 801 | 567 | 609 | 703 | 535 | 411 |
| 27 | 670 | 1,810 | 1,350 | 759 | 746 | 828 | 806 | 549 | 601 | 694 | 509 | 410 |
| 28 | 695 | 1,620 | 935 | 758 | 877 | 2,780 | 765 | 564 | 610 | 753 | 509 | 393 |
| 29 | 811 | 1,080 | 1,000 | 702 | --- | 2,850 | 786 | 566 | 626 | 916 | 502 | 389 |
| 30 | 777 | 849 | 992 | 750 | --- | 2,850 | 817 | 562 | 795 | 798 | 629 | 384 |
| 31 | 762 | --- | 871 | 965 | --- | 2,620 | --- | 556 | --- | 640 | 741 | --- |
| TOTAL | 24,631 | 29,993 | 34,714 | 30,700 | 21,364 | 35,563 | 32,957 | 21,137 | 27,358 | 38,223 | 20,928 | 12,641 |
| MEAN | 795 | 1,000 | 1,120 | 990 | 763 | 1,147 | 1,099 | 682 | 912 | 1,233 | 675 | 421 |
| MAX | 1,410 | 1,810 | 2,250 | 2,970 | 1,070 | 2,850 | 1,910 | 873 | 1,930 | 2,170 | 1,450 | 572 |
| MIN | 526 | 632 | 697 | 695 | 624 | 740 | 765 | 549 | 539 | 640 | 502 | 360 |
| † | -19 | -3 | -1 | +8 | +3 | +4 | -10 | -7 | +8 | -5 | -3 | -35 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2005,* BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 662 | 720 | 759 | 868 | 959 | 1,158 | 1,129 | 917 | 878 | 688 | 706 | 615 |
| MAX | 1,834 | 2,571 | 1,619 | 1,965 | 1,832 | 2,346 | 2,868 | 1,954 | 2,075 | 1,720 | 2,239 | 1,948 |
| (WY) | (1991) | (1978) | (1974) | (1995) | (1990) | (1993) | (1980) | (1973) | (2003) | (2003) | (1994) | (1979) |
| MIN | 191 | 209 | 249 | 302 | 335 | 441 | 435 | 300 | 248 | 234 | 194 | 209 |
| (WY) | (1989) | (2002) | (2001) | (2001) | (2001) | (1988) | (1986) | (2001) | (2002) | (1988) | (1988) | (1988) |

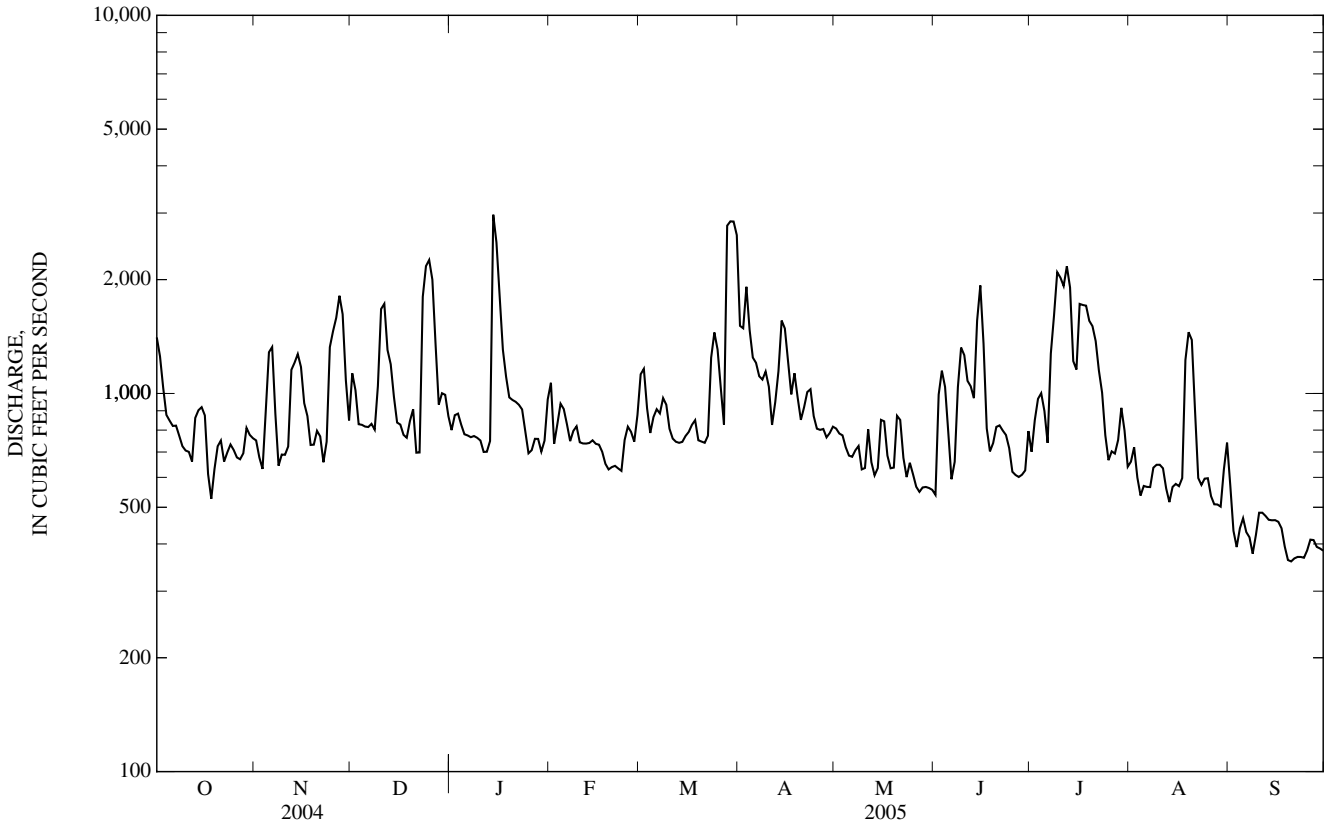
02112000 YADKIN RIVER AT WILKESBORO, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1963 - 2005* | |
|--------------------------|------------------------|--------|---------------------|--------|--------------------------|--------------|
| ANNUAL TOTAL | 331,239 | | 330,209 | | 837 (UNADJUSTED) | |
| ANNUAL MEAN | 905 | | 905 | | 336 | |
| HIGHEST ANNUAL MEAN | | | | | 1,220 | 1973 |
| LOWEST ANNUAL MEAN | | | | | 336 | 2002 |
| HIGHEST DAILY MEAN | 5,950 | Sep 11 | 2,970 | Jan 14 | 7,990 | Aug 10, 1970 |
| LOWEST DAILY MEAN | 391 | Aug 10 | 360 | Sep 20 | 114 | Dec 8, 1970 |
| ANNUAL SEVEN-DAY MINIMUM | 417 | Aug 4 | 369 | Sep 19 | 141 | Sep 8, 2002 |
| MAXIMUM PEAK FLOW | | | 5,030 | Jan 14 | 12,800 | Apr 10, 1983 |
| MAXIMUM PEAK STAGE | | | 7.38 | Jan 14 | 16.22 | Apr 10, 1983 |
| INSTANTANEOUS LOW FLOW | | | 325 | Sep 28 | 54 | Oct 21, 1997 |
| 10 PERCENT EXCEEDS | 1,470 | | 1,450 | | 1,420 | |
| 50 PERCENT EXCEEDS | 732 | | 789 | | 648 | |
| 90 PERCENT EXCEEDS | 516 | | 538 | | 336 | |

† Change in contents, equivalent in cubic feet per second, in W. Kerr Scott Reservoir, provided by U.S. Army Corps of Engineers.

* Regulated period only (1963-2005). See REMARKS.

‡ Adjusted for change in contents in W. Kerr Scott Reservoir.



02112120 ROARING RIVER NEAR ROARING RIVER, NC

LOCATION.--Lat 36°15'01", long 81°02'40", Wilkes County, Hydrologic Unit 03040101, on left bank at downstream end of old bridge pier, 800 ft upstream from bridge on Secondary Road 1990, 3.8 mi northwest of Roaring River, and 4.1 mi upstream from mouth.

DRAINAGE AREA.--128 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements water years 1925, 1947, 1949-56, 1963. April 1964 to current year.

REVISED RECORDS.--WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 964.85 ft above NGVD of 1929. Prior to May 1, 1964, nonrecording gage on downstream side of bridge at same site and datum. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Maximum discharge for period of record, from rating curve extended above 2,400 ft³/s on basis of slope-area measurement of peak flow at gage heights 22.54, 14.40, and 10.83 ft. Minimum discharge for period of record also occurred Aug. 15, 24, 25, Sept. 11, 12, 13, 14, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1916 reached a stage of about 28 ft; estimated discharge, 45,000 ft³/s. The flood of August 1940 reached a stage of about 24 ft; estimated discharge, 31,000 ft³/s, from information by local residents and rating curve extended as explained above. A discharge of 24 ft³/s was measured Sept. 18, 1956.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 298 | 165 | 248 | 200 | 176 | 259 | 274 | 184 | 131 | 160 | 175 | 92 |
| 2 | 268 | 161 | 210 | 193 | 168 | 195 | 443 | 173 | 271 | 142 | 136 | 86 |
| 3 | 260 | 160 | 199 | 189 | 215 | 179 | 352 | 168 | 201 | 135 | 127 | 83 |
| 4 | 238 | 224 | 189 | 187 | 208 | 172 | 301 | 163 | 172 | 135 | 125 | 79 |
| 5 | 212 | 199 | 181 | 185 | 190 | 178 | 273 | 162 | 159 | 137 | 113 | 78 |
| 6 | 200 | 176 | 181 | 183 | 182 | 178 | 252 | 162 | 159 | 165 | 113 | 76 |
| 7 | 191 | 168 | 189 | 179 | 177 | 171 | 248 | 157 | 161 | 380 | 140 | 76 |
| 8 | 184 | 162 | 178 | 181 | 176 | 187 | 288 | 153 | 151 | 391 | 166 | 74 |
| 9 | 180 | 153 | 276 | 174 | 173 | 168 | 253 | 149 | 201 | 189 | 147 | 73 |
| 10 | 176 | 150 | 400 | 170 | 172 | 162 | 233 | 153 | 168 | 156 | 171 | 72 |
| 11 | 169 | 150 | 314 | 168 | 161 | 160 | 223 | 169 | 153 | 148 | 133 | 71 |
| 12 | 167 | 265 | 258 | 167 | 158 | 156 | 217 | 157 | 144 | 211 | 118 | 69 |
| 13 | 260 | 243 | 229 | 191 | 159 | 151 | 270 | 165 | 171 | 197 | 110 | 68 |
| 14 | 259 | 191 | 206 | 1,270 | 174 | 164 | 385 | 167 | 172 | 277 | 124 | 67 |
| 15 | 188 | 178 | 193 | 382 | 163 | 149 | 270 | 221 | 146 | 214 | 179 | 69 |
| 16 | 172 | 171 | 187 | 287 | 160 | 158 | 240 | 181 | 134 | 239 | 149 | 67 |
| 17 | 163 | 165 | 183 | 242 | 153 | 186 | 226 | 159 | 126 | 265 | 154 | 70 |
| 18 | 157 | 162 | 179 | 213 | 147 | 169 | 216 | 153 | 123 | 198 | 172 | 68 |
| 19 | 166 | 157 | 175 | 213 | 144 | 164 | 208 | 175 | 127 | 175 | 162 | 65 |
| 20 | 164 | 153 | e173 | 199 | 146 | 159 | 200 | 231 | 136 | 201 | 133 | 64 |
| 21 | 160 | 148 | e170 | 195 | 156 | 154 | 193 | 198 | 138 | 211 | 120 | 64 |
| 22 | 161 | 146 | e167 | 188 | 148 | 152 | 214 | 164 | 133 | 181 | 107 | 63 |
| 23 | 169 | 162 | 959 | 180 | 143 | 375 | 241 | 156 | 120 | 151 | 104 | 64 |
| 24 | 187 | 472 | 546 | e176 | 171 | 271 | 196 | 148 | 116 | 134 | 105 | 62 |
| 25 | 172 | 462 | 360 | 173 | 156 | 209 | 188 | 142 | 115 | 129 | 101 | 62 |
| 26 | 162 | 274 | 296 | 173 | 146 | 191 | 184 | 139 | 115 | 122 | 98 | 71 |
| 27 | 168 | 230 | 259 | 165 | 142 | 196 | 189 | 135 | 118 | 116 | 97 | 77 |
| 28 | 185 | 227 | 236 | 155 | 298 | 1,210 | 176 | 134 | 120 | 117 | 95 | 66 |
| 29 | 194 | 197 | 227 | 163 | --- | 557 | 215 | 132 | 135 | 133 | 92 | 67 |
| 30 | 185 | 189 | 217 | 195 | --- | 374 | 195 | 131 | 160 | 141 | 103 | 64 |
| 31 | 173 | --- | 207 | 192 | --- | 306 | --- | 128 | --- | 306 | 124 | --- |
| TOTAL | 5,988 | 6,060 | 7,992 | 7,128 | 4,762 | 7,460 | 7,363 | 5,009 | 4,476 | 5,856 | 3,993 | 2,127 |
| MEAN | 193 | 202 | 258 | 230 | 170 | 241 | 245 | 162 | 149 | 189 | 129 | 70.9 |
| MAX | 298 | 472 | 959 | 1,270 | 298 | 1,210 | 443 | 231 | 271 | 391 | 179 | 92 |
| MIN | 157 | 146 | 167 | 155 | 142 | 149 | 176 | 128 | 115 | 116 | 92 | 62 |
| CFSM | 1.51 | 1.58 | 2.01 | 1.80 | 1.33 | 1.88 | 1.92 | 1.26 | 1.17 | 1.48 | 1.01 | 0.55 |
| IN. | 1.74 | 1.76 | 2.32 | 2.07 | 1.38 | 2.17 | 2.14 | 1.46 | 1.30 | 1.70 | 1.16 | 0.62 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

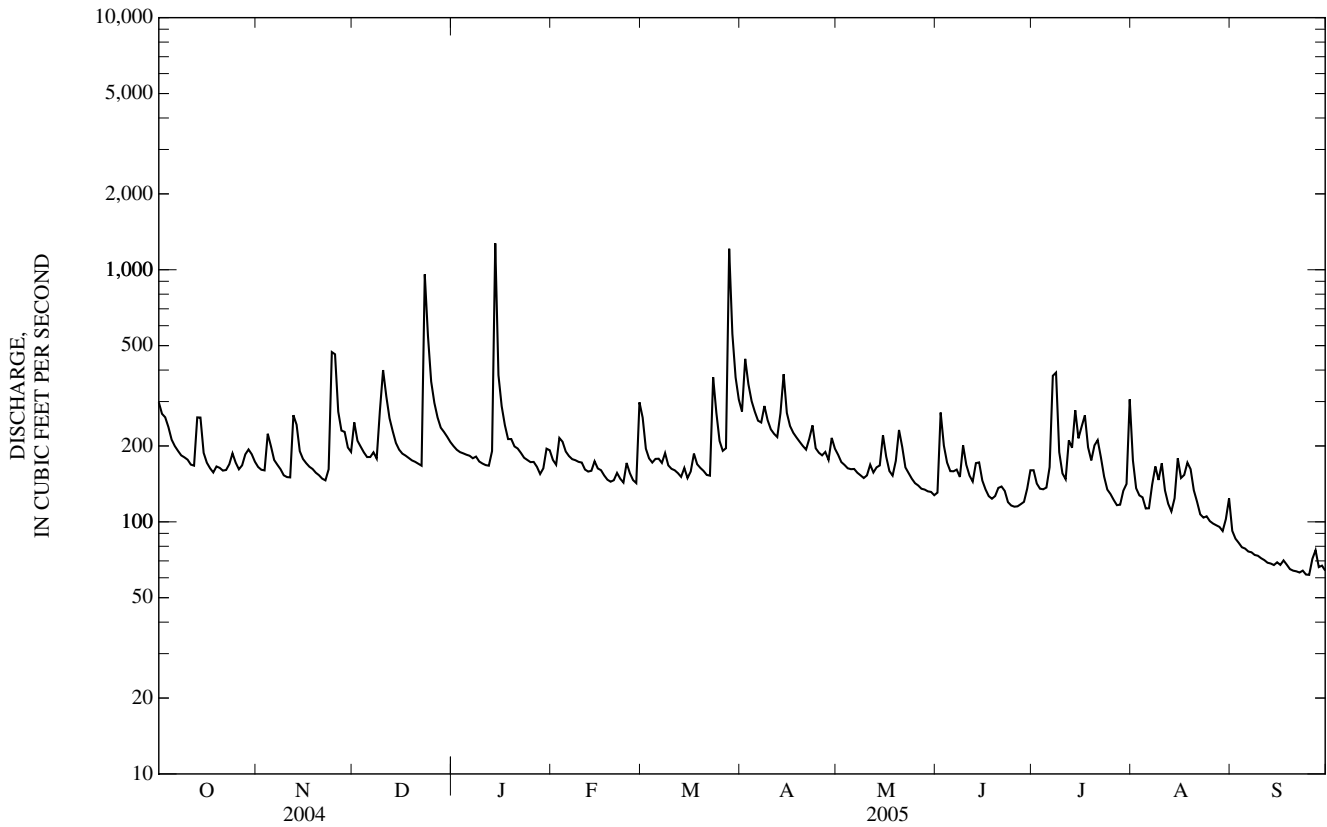
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 147 | 159 | 173 | 197 | 216 | 255 | 250 | 204 | 189 | 154 | 146 | 143 |
| MAX | 422 | 426 | 389 | 406 | 413 | 610 | 637 | 430 | 453 | 349 | 461 | 449 |
| (WY) | (1977) | (1978) | (1997) | (1996) | (1990) | (1993) | (1980) | (1991) | (2003) | (1989) | (1994) | (2004) |
| MIN | 42.0 | 46.9 | 59.2 | 70.2 | 67.4 | 97.4 | 100 | 66.2 | 39.5 | 48.3 | 23.6 | 48.2 |
| (WY) | (2001) | (2002) | (2001) | (2001) | (2001) | (1988) | (1986) | (2002) | (2002) | (2002) | (2002) | (2001) |

02112120 ROARING RIVER NEAR ROARING RIVER, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1964 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 73,418 | | 68,214 | | 186 | |
| ANNUAL MEAN | 201 | | 187 | | 269 | |
| HIGHEST ANNUAL MEAN | | | | | 69.8 | 1993 |
| LOWEST ANNUAL MEAN | | | | | 202 | 2002 |
| HIGHEST DAILY MEAN | 3,050 | Sep 8 | 1,270 | Jan 14 | 7,460 | Aug 17, 1994 |
| LOWEST DAILY MEAN | 83 | Sep 6 | 62 | Sep 24 | 14 | Aug 15, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 94 | Aug 31 | 63 | Sep 19 | 16 | Aug 9, 2002 |
| MAXIMUM PEAK FLOW | | | 3,610 | Jan 14 | 26,600* | Oct 17, 1975 |
| MAXIMUM PEAK STAGE | | | 7.21 | Jan 14 | 22.54* | Oct 17, 1975 |
| INSTANTANEOUS LOW FLOW | | | 60 | Sep 25 | 14* | Aug 14, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.57 | | 1.46 | | 1.46 | |
| ANNUAL RUNOFF (INCHES) | 21.34 | | 19.82 | | 19.78 | |
| 10 PERCENT EXCEEDS | 266 | | 266 | | 305 | |
| 50 PERCENT EXCEEDS | 164 | | 170 | | 142 | |
| 90 PERCENT EXCEEDS | 105 | | 104 | | 74 | |

* See REMARKS.

e Estimated.



PRECIPITATION RECORDS

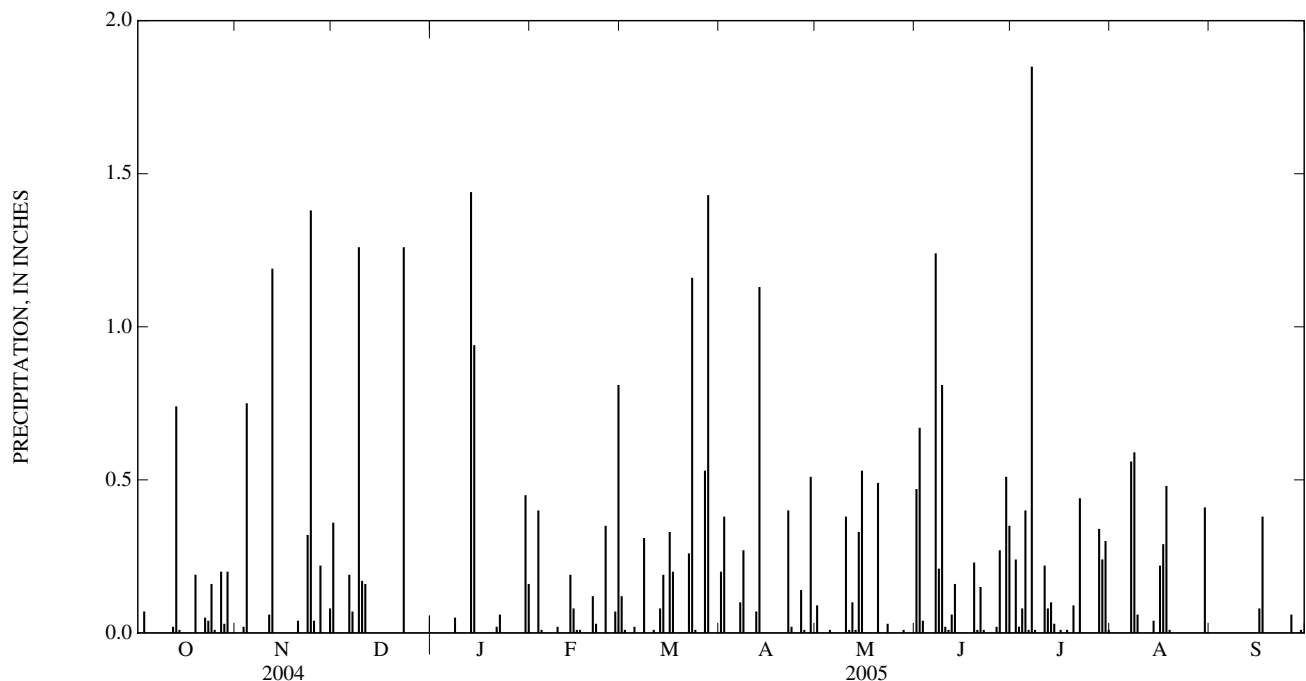
PERIOD OF RECORD.--October 2002 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Gage is operated in cooperation with Yadkin, Inc., the North Carolina Department of Environment and Natural Resources, and the U.S. Army Corps of Engineers, Wilmington District. Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

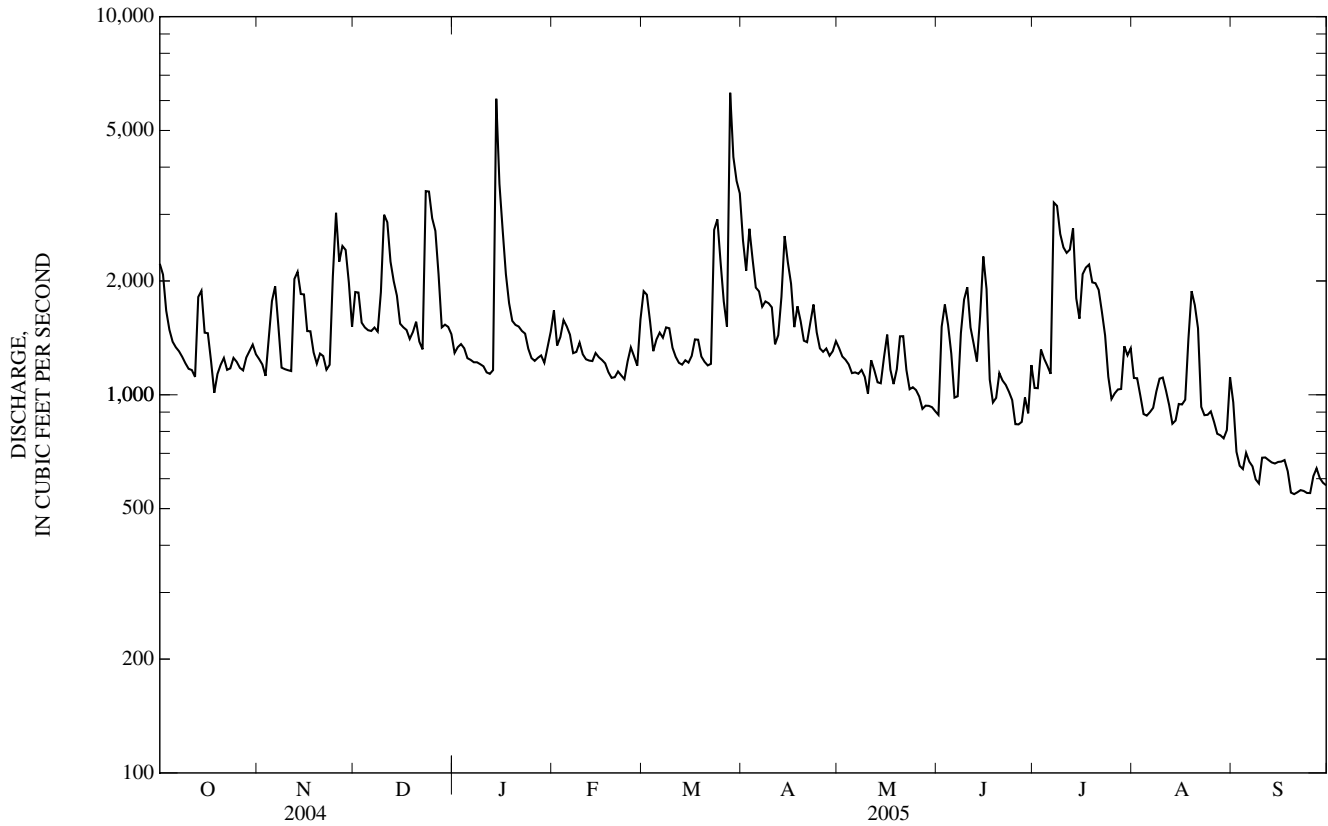
| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.36 | 0.00 | 0.00 | 0.12 | 0.20 | 0.09 | 0.47 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.38 | 0.00 | 0.67 | 0.24 | 0.00 | 0.00 |
| 3 | 0.07 | 0.02 | 0.00 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 | 0.04 | 0.02 | 0.00 | 0.00 |
| 4 | 0.00 | 0.75 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.40 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 1.24 | 1.85 | 0.56 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.31 | 0.27 | 0.00 | 0.21 | 0.01 | 0.59 | 0.00 |
| 9 | 0.00 | 0.00 | 1.26 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.81 | 0.00 | 0.06 | 0.00 |
| 10 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 0.02 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.06 | 0.16 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.22 | 0.00 | 0.00 |
| 12 | 0.02 | 1.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.10 | 0.06 | 0.08 | 0.00 | 0.00 |
| 13 | 0.74 | 0.00 | 0.00 | 1.44 | 0.19 | 0.08 | 1.13 | 0.01 | 0.16 | 0.10 | 0.00 | 0.00 |
| 14 | 0.01 | 0.00 | 0.00 | 0.94 | 0.08 | 0.19 | 0.00 | 0.33 | 0.00 | 0.03 | 0.04 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.33 | 0.00 | 0.00 | 0.00 | 0.01 | 0.22 | 0.08 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.38 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.48 | 0.00 |
| 19 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 | 0.00 | 0.01 | 0.00 |
| 20 | 0.00 | 0.04 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.49 | 0.01 | 0.09 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 |
| 22 | 0.05 | 0.00 | 0.00 | 0.06 | 0.00 | 0.26 | 0.40 | 0.00 | 0.01 | 0.44 | 0.00 | 0.00 |
| 23 | 0.04 | 0.32 | 1.26 | 0.00 | 0.00 | 1.16 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.16 | 1.38 | 0.00 | 0.00 | 0.35 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.01 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.06 |
| 27 | 0.20 | 0.22 | 0.00 | 0.00 | 0.07 | 0.53 | 0.01 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 |
| 28 | 0.03 | 0.00 | 0.00 | 0.00 | 0.81 | 1.43 | 0.00 | 0.01 | 0.00 | 0.34 | 0.00 | 0.00 |
| 29 | 0.20 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.51 | 0.00 | 0.51 | 0.24 | 0.00 | 0.01 |
| 30 | 0.00 | 0.08 | 0.00 | 0.45 | --- | 0.00 | 0.00 | 0.00 | 0.35 | 0.30 | 0.41 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.16 | --- | 0.00 | --- | 0.00 | --- | 0.01 | 0.00 | --- |
| TOTAL | 1.72 | 4.10 | 3.47 | 3.12 | 2.10 | 4.66 | 3.23 | 1.99 | 5.24 | 4.48 | 2.66 | 0.53 |



02112250 YADKIN RIVER AT ELKIN, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1964 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 551,026 | | 525,211 | | 1,360 | |
| ANNUAL MEAN | 1,506 | | 1,439 | | 1,951 | |
| HIGHEST ANNUAL MEAN | | | | | 508 | 1973 |
| LOWEST ANNUAL MEAN | | | | | 211 | 2002 |
| HIGHEST DAILY MEAN | 12,600 | Sep 8 | 6,290 | Mar 28 | 21,500 | Aug 10, 1970 |
| LOWEST DAILY MEAN | 625 | Aug 10 | 546 | Sep 20 | 193 | Sep 13, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 683 | Aug 4 | 552 | Sep 19 | 211 | Sep 8, 2002 |
| MAXIMUM PEAK FLOW | | | 10,100 | Mar 28 | 29,100 | Aug 17, 1994 |
| MAXIMUM PEAK STAGE | | | 12.35 | Mar 28 | 24.88* | Apr 10, 1983 |
| INSTANTANEOUS LOW FLOW | | | 523 | Sep 28 | 187* | Aug 9, 2002 |
| 10 PERCENT EXCEEDS | 2,250 | | 2,190 | | 2,290 | |
| 50 PERCENT EXCEEDS | 1,220 | | 1,280 | | 1,060 | |
| 90 PERCENT EXCEEDS | 873 | | 844 | | 569 | |

* See REMARKS.

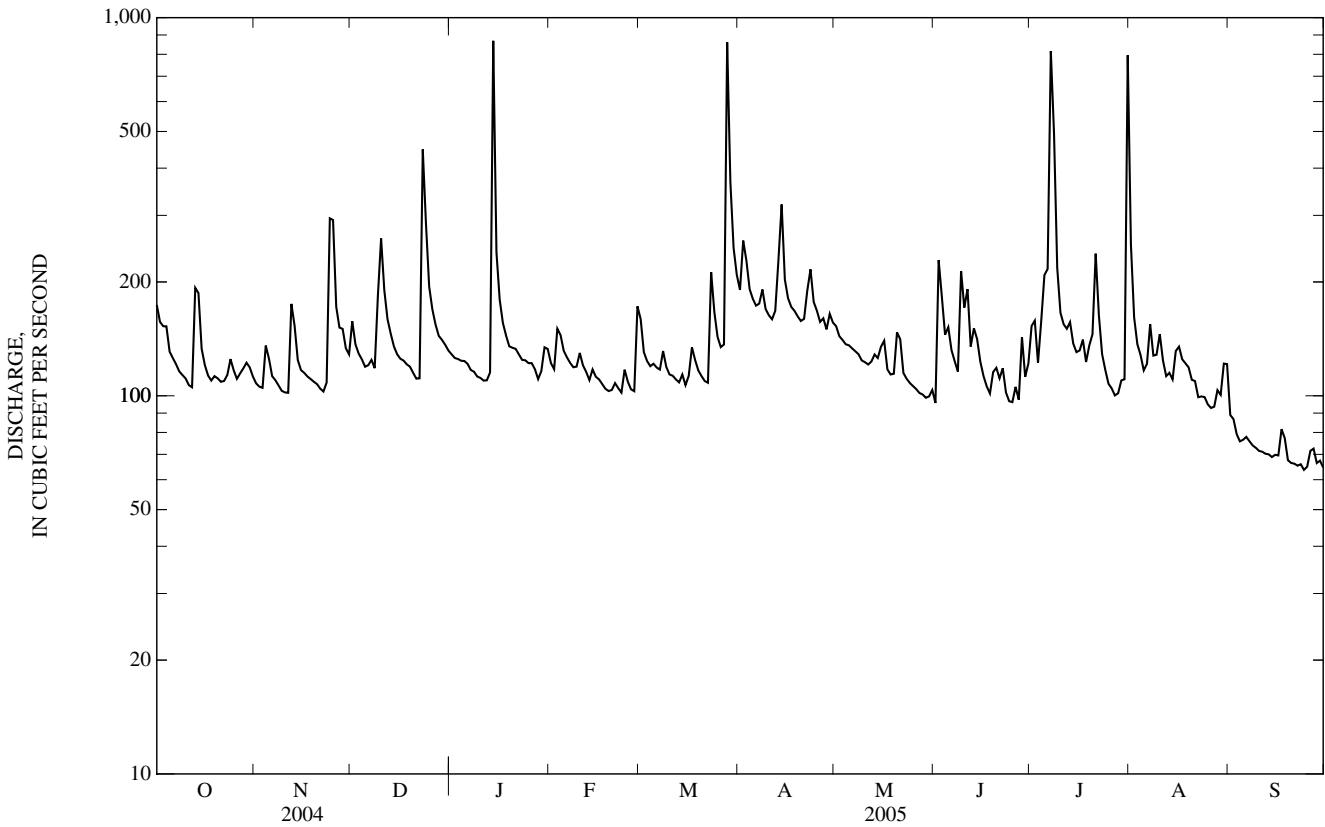


02112360 MITCHELL RIVER NEAR STATE ROAD, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1964 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 48,086 | | 51,410 | | 127 | |
| ANNUAL MEAN | 131 | | 141 | | 182 | |
| HIGHEST ANNUAL MEAN | | | | | 2003 | |
| LOWEST ANNUAL MEAN | | | | | 2002 | |
| HIGHEST DAILY MEAN | 2,420 | Sep 8 | 869 | Jan 14 | 3,260 | Aug 10, 1970 |
| LOWEST DAILY MEAN | 57 | Sep 6 | 64 | Sep 24 | 15 | Sep 12, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 62 | Aug 31 | 66 | Sep 19 | 17 | Sep 7, 2002 |
| MAXIMUM PEAK FLOW | | | 3,170 | Jan 14 | 7,470 | Sep 22, 1979 |
| MAXIMUM PEAK STAGE | | | 7.20 | Jan 14 | 16.42 | Sep 22, 1979 |
| INSTANTANEOUS LOW FLOW | | | 49* | Sep 4 | 12 | Aug 15, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.67 | | 1.79 | | 1.61 | |
| ANNUAL RUNOFF (INCHES) | 22.70 | | 24.27 | | 21.93 | |
| 10 PERCENT EXCEEDS | 173 | | 188 | | 202 | |
| 50 PERCENT EXCEEDS | 110 | | 122 | | 102 | |
| 90 PERCENT EXCEEDS | 78 | | 98 | | 54 | |

* See REMARKS.

e Estimated.



02113000 FISHER RIVER NEAR COPELAND, NC

LOCATION.--Lat 36°20'28", long 80°41'09", Surry County, Hydrologic Unit 03040101, on left bank 500 ft upstream from bridge on State Highway 268, 1 mi upstream from Cody Creek, and 2 mi northwest of Copeland.

DRAINAGE AREA.--128 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1931 to current year.

REVISED RECORDS.--WSP 1303: 1933(M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 913 ft above NGVD of 1929, by barometer. Prior to Sept. 5, 1936, twice daily readings at same site and datum. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Some irrigation diversions at times in the growing season. Maximum discharge for period of record, from rating curve extended above 7,500 ft³/s on basis of slope-area measurement of peak flow; gage height: 18.4 ft. Minimum discharge for period of record also occurred Sept. 13, 14, 2002. Minimum discharge for current water year also occurred Sept. 25, 30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 260 | 151 | 228 | 172 | 177 | 273 | 261 | 195 | 118 | 140 | 294 | 112 |
| 2 | 232 | 149 | 194 | 168 | 163 | 206 | 475 | 180 | 231 | 203 | 193 | 99 |
| 3 | 214 | 147 | 177 | 164 | 228 | 191 | 323 | 175 | 212 | 123 | 167 | 94 |
| 4 | 208 | 179 | 168 | 162 | 229 | 183 | 262 | 170 | 168 | 190 | 169 | 90 |
| 5 | 185 | 186 | 162 | 160 | 188 | 184 | 241 | 167 | 151 | 188 | 149 | 87 |
| 6 | 175 | 159 | 159 | 157 | 176 | 179 | 225 | 169 | 137 | 213 | 199 | 85 |
| 7 | 168 | 154 | 162 | 154 | 170 | 170 | 220 | 165 | 130 | 887 | 202 | 82 |
| 8 | 160 | 149 | 156 | 153 | 167 | 185 | 224 | 162 | 134 | 969 | 166 | 80 |
| 9 | 158 | 141 | 272 | 150 | 164 | 169 | 212 | 155 | 320 | 237 | 167 | 79 |
| 10 | 156 | 139 | 527 | 147 | 165 | 163 | 197 | 152 | 189 | 168 | 183 | 77 |
| 11 | 148 | 139 | 293 | 146 | 153 | 159 | 193 | 150 | 161 | 145 | 162 | 77 |
| 12 | 145 | 298 | 224 | 144 | 151 | 159 | 187 | 150 | 149 | 150 | 142 | 74 |
| 13 | 402 | 274 | 197 | 145 | 152 | 153 | 289 | 156 | 165 | 166 | 135 | 72 |
| 14 | 321 | 191 | 178 | 2,560 | 178 | 157 | 558 | 161 | 172 | 173 | 128 | 70 |
| 15 | 193 | 172 | 169 | 440 | 169 | 148 | 274 | 168 | 144 | 150 | 142 | 71 |
| 16 | 169 | 163 | 162 | 299 | 162 | 152 | 237 | 171 | 130 | 170 | 174 | 70 |
| 17 | 159 | 158 | 161 | 248 | 158 | 194 | 220 | 150 | 119 | 225 | 164 | 88 |
| 18 | 151 | 154 | 158 | 219 | 152 | 185 | 210 | 147 | 115 | 150 | 141 | 79 |
| 19 | 155 | 151 | 156 | 207 | 147 | 168 | 205 | 165 | 113 | 196 | 140 | 72 |
| 20 | 155 | 150 | e150 | 204 | 147 | 161 | 196 | 201 | 115 | 280 | 137 | 70 |
| 21 | 153 | 148 | e150 | 203 | 154 | 155 | 195 | 183 | 112 | 201 | 147 | 74 |
| 22 | 151 | 144 | e155 | 195 | 149 | 151 | 230 | 151 | 159 | 183 | 119 | 69 |
| 23 | 157 | 152 | 988 | 189 | 144 | 385 | 338 | 142 | 111 | 139 | 120 | 70 |
| 24 | 170 | 527 | 524 | e190 | 162 | 276 | 218 | 138 | 101 | 121 | 121 | 67 |
| 25 | 164 | 654 | 290 | e185 | 155 | 208 | 201 | 136 | 98 | 112 | 112 | 66 |
| 26 | 152 | 262 | 237 | 175 | 145 | 190 | 193 | 131 | 99 | 103 | 108 | 75 |
| 27 | 153 | 213 | 211 | 172 | 145 | 189 | 197 | 126 | 103 | 96 | 108 | 80 |
| 28 | 166 | 211 | 193 | 158 | 232 | 2,290 | 184 | 126 | 118 | 97 | 108 | 72 |
| 29 | 167 | 183 | 188 | 162 | --- | 680 | 203 | 126 | 108 | 116 | 102 | 71 |
| 30 | 169 | 173 | 182 | 191 | --- | 369 | 204 | 125 | 126 | 114 | 104 | 69 |
| 31 | 159 | --- | 176 | 203 | --- | 295 | --- | 118 | --- | 614 | 162 | --- |
| TOTAL | 5,675 | 6,071 | 7,347 | 8,222 | 4,682 | 8,727 | 7,372 | 4,811 | 4,308 | 7,019 | 4,665 | 2,341 |
| MEAN | 183 | 202 | 237 | 265 | 167 | 282 | 246 | 155 | 144 | 226 | 150 | 78.0 |
| MAX | 402 | 654 | 988 | 2,560 | 232 | 2,290 | 558 | 201 | 320 | 969 | 294 | 112 |
| MIN | 145 | 139 | 150 | 144 | 144 | 148 | 184 | 118 | 98 | 96 | 102 | 66 |
| CFSM | 1.43 | 1.58 | 1.85 | 2.07 | 1.31 | 2.20 | 1.92 | 1.21 | 1.12 | 1.77 | 1.18 | 0.61 |
| IN. | 1.65 | 1.76 | 2.14 | 2.39 | 1.36 | 2.54 | 2.14 | 1.40 | 1.25 | 2.04 | 1.36 | 0.68 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2005, BY WATER YEAR (WY)

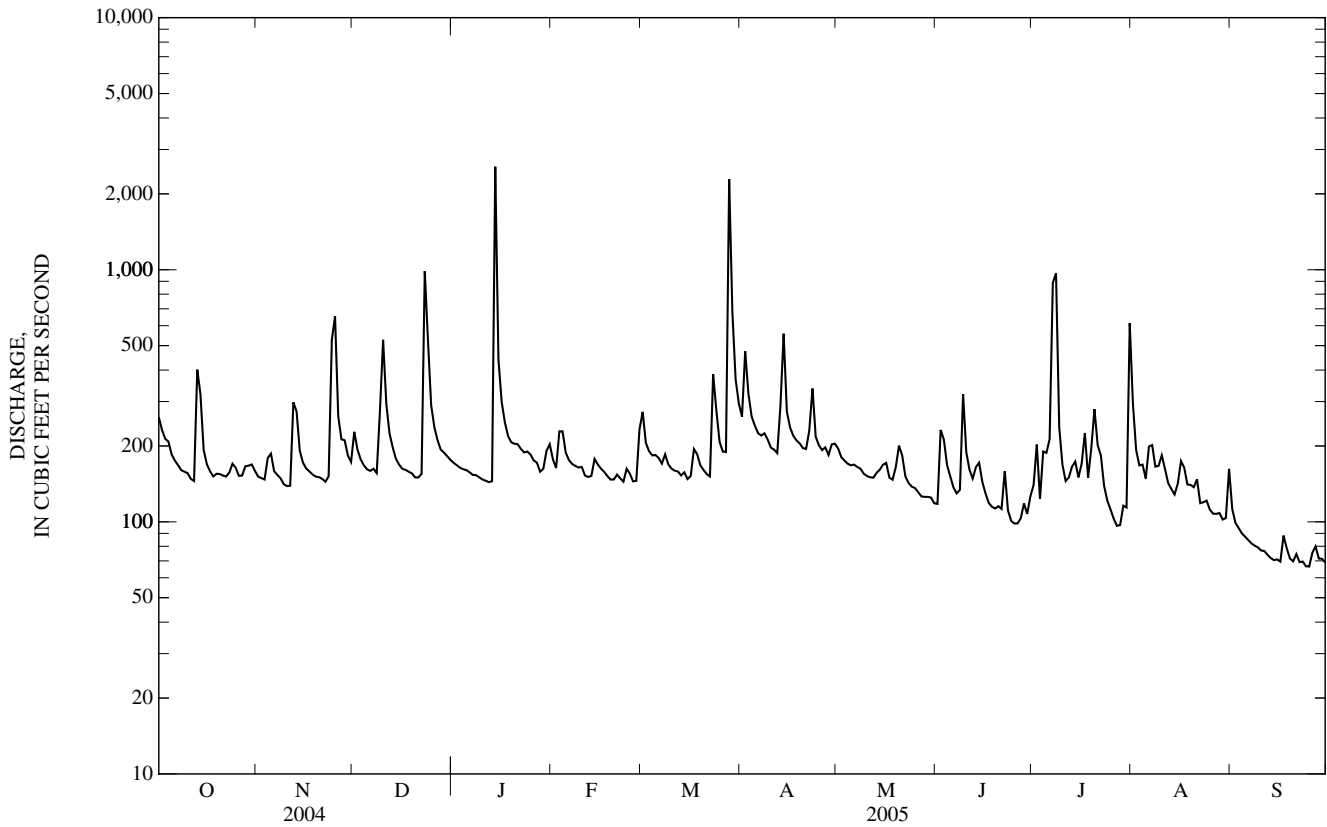
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 145 | 150 | 169 | 199 | 214 | 247 | 243 | 194 | 176 | 149 | 152 | 143 |
| MAX | 580 | 344 | 365 | 526 | 539 | 667 | 746 | 387 | 491 | 397 | 510 | 735 |
| (WY) | (1938) | (1935) | (1974) | (1936) | (1960) | (1993) | (1983) | (1950) | (1947) | (1943) | (1940) | (1979) |
| MIN | 40.2 | 48.1 | 58.1 | 54.4 | 68.8 | 103 | 102 | 61.7 | 29.7 | 31.3 | 24.1 | 27.9 |
| (WY) | (1942) | (2002) | (1956) | (1956) | (1934) | (1981) | (2002) | (2002) | (2002) | (1986) | (2002) | (1954) |

02113000 FISHER RIVER NEAR COPELAND, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1932 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 72,990 | | 71,240 | | 182 | |
| ANNUAL MEAN | 199 | | 195 | | 281 | |
| HIGHEST ANNUAL MEAN | | | | | 73.6 | |
| LOWEST ANNUAL MEAN | | | | | 1979 | |
| HIGHEST DAILY MEAN | 4,230 | Sep 8 | 2,560 | Jan 14 | 12,100 | Sep 22, 1979 |
| LOWEST DAILY MEAN | 59 | Sep 6 | 66 | Sep 25 | 11 | Sep 12, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 64 | Aug 31 | 70 | Sep 19 | 14 | Sep 8, 2002 |
| MAXIMUM PEAK FLOW | | | 5,980 | Jan 14 | 34,200* | Sep 22, 1979 |
| MAXIMUM PEAK STAGE | | | 10.33 | Jan 14 | 19.61 | Sep 22, 1979 |
| INSTANTANEOUS LOW FLOW | | | 65* | Sep 24 | 10* | Sep 12, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.56 | | 1.52 | | 1.42 | |
| ANNUAL RUNOFF (INCHES) | 21.21 | | 20.70 | | 19.27 | |
| 10 PERCENT EXCEEDS | 262 | | 261 | | 289 | |
| 50 PERCENT EXCEEDS | 155 | | 162 | | 136 | |
| 90 PERCENT EXCEEDS | 96 | | 103 | | 66 | |

* See REMARKS.

e Estimated.



02113000 FISHER RIVER NEAR COPELAND, NC—Continued

PRECIPITATION RECORDS

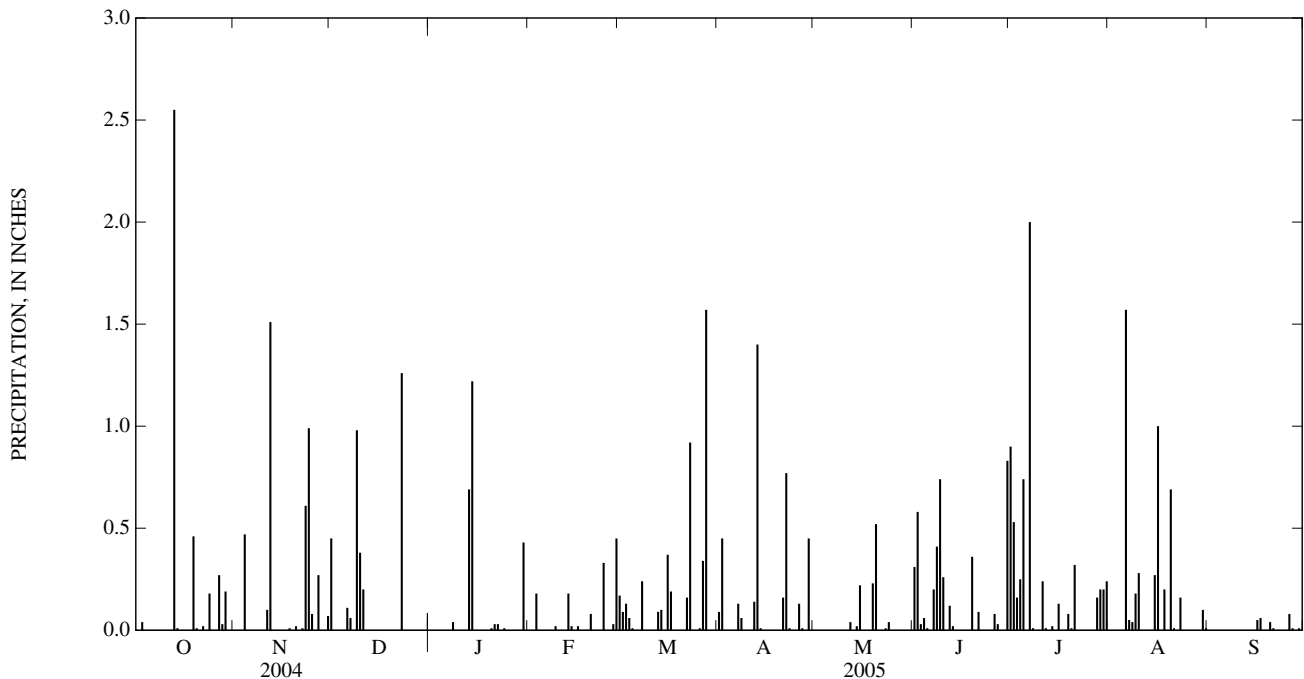
PERIOD OF RECORD.--October 2002 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.45 | 0.00 | 0.00 | 0.17 | 0.09 | 0.00 | 0.31 | 0.90 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.45 | 0.00 | 0.58 | 0.53 | 0.00 | 0.00 |
| 3 | 0.04 | 0.00 | 0.00 | 0.00 | 0.18 | 0.13 | 0.00 | 0.00 | 0.03 | 0.16 | 0.00 | 0.00 |
| 4 | 0.00 | 0.47 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.06 | 0.25 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.74 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.57 | 0.00 |
| 7 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.20 | 2.00 | 0.05 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.24 | 0.06 | 0.00 | 0.41 | 0.01 | 0.04 | 0.00 |
| 9 | 0.00 | 0.00 | 0.98 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.74 | 0.00 | 0.18 | 0.00 |
| 10 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.00 | 0.28 | 0.00 |
| 11 | 0.00 | 0.10 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 |
| 12 | 0.00 | 1.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.04 | 0.12 | 0.01 | 0.00 | 0.00 |
| 13 | 2.55 | 0.00 | 0.00 | 0.69 | 0.18 | 0.09 | 1.40 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 14 | 0.01 | 0.00 | 0.00 | 1.22 | 0.02 | 0.10 | 0.01 | 0.02 | 0.00 | 0.02 | 0.00 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.27 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.37 | 0.00 | 0.00 | 0.00 | 0.13 | 1.00 | 0.05 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 |
| 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 |
| 19 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 | 0.36 | 0.08 | 0.00 | 0.00 |
| 20 | 0.01 | 0.02 | 0.00 | 0.01 | 0.08 | 0.00 | 0.00 | 0.52 | 0.00 | 0.01 | 0.69 | 0.04 |
| 21 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.16 | 0.00 | 0.09 | 0.32 | 0.01 | 0.01 |
| 22 | 0.02 | 0.01 | 0.00 | 0.03 | 0.00 | 0.16 | 0.77 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.61 | 1.26 | 0.00 | 0.00 | 0.92 | 0.01 | 0.01 | 0.00 | 0.00 | 0.16 | 0.00 |
| 24 | 0.18 | 0.99 | 0.00 | 0.01 | 0.33 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.13 | 0.00 | 0.08 | 0.00 | 0.00 | 0.08 |
| 27 | 0.27 | 0.27 | 0.00 | 0.00 | 0.03 | 0.34 | 0.01 | 0.00 | 0.03 | 0.00 | 0.00 | 0.01 |
| 28 | 0.03 | 0.00 | 0.00 | 0.00 | 0.45 | 1.57 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 |
| 29 | 0.19 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.45 | 0.00 | 0.00 | 0.20 | 0.00 | 0.01 |
| 30 | 0.00 | 0.07 | 0.00 | 0.43 | --- | 0.00 | 0.00 | 0.00 | 0.83 | 0.20 | 0.10 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.24 | 0.01 | --- |
| TOTAL | 3.76 | 4.14 | 3.44 | 2.46 | 1.31 | 4.45 | 3.81 | 1.08 | 4.13 | 6.20 | 4.56 | 0.26 |



0211351575 HOGAN CREEK AT SECONDARY ROAD 2038 NEAR SILOAM, NC

LOCATION.--Lat 35°19'20", long 80°36'38", Surry County, Hydrologic Unit 03040101, on right bank, at downstream side of bridge on Secondary Road 2038, 2.0 mi southwest of Pine Hill and 3.1 mi northwest of Siloam.

DRAINAGE AREA.--3.3 mi².

PERIOD OF RECORD.--October 2004 to September 2005.

REMARKS.--Station operated in cooperation with the North Carolina Division of Soil and Water Conservation to define the effects of stream restoration and the implementation of Best Management Practices on stream water quality and sediment transport.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| Date | Time | Baro- metric pres- sure, mm Hg (00025) | Dis- solved oxygen, mg/L (00300) | Dis- solved oxygen, percent of sat- uration (00301) | pH, water, unfltrd field, std units (00400) | Specif. conduc- tance, wat unf uS/cm 25 degC (00095) | Temper- ature, water, deg C (00010) | ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419) | Bicar- bonate, wat unf incrm. titr., field, mg/L (00450) | Ammonia + org-N, water, unfltrd mg/L as N (00625) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate water, fltrd, mg/L as N (00618) | Nitrite + nitrate water fltrd, mg/L as N (00631) |
|-------|------|---|--|---|---|--|---|--|---|--|--|--|---|
| NOV | | | | | | | | | | | | | |
| 10... | 0845 | -- | -- | -- | -- | -- | -- | -- | -- | E.08 | <.010 | -- | .40 |
| 24... | 1530 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC | | | | | | | | | | | | | |
| 09... | 1545 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 1500 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | 1700 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 1115 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN | | | | | | | | | | | | | |
| 13... | 1500 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB | | | | | | | | | | | | | |
| 10... | 0900 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 24... | 1500 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR | | | | | | | | | | | | | |
| 10... | 1615 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 24... | 1545 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 1100 | 736 | 9.6 | 92 | 7.1 | 57 | 11.9 | 14 | 17 | .26 | .014 | .72 | .72 |
| APR | | | | | | | | | | | | | |
| 07... | 1130 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 1230 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | | |
| 05... | 0800 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | 0930 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUN | | | | | | | | | | | | | |
| 01... | 1715 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09... | 1445 | 738 | 7.7 | 89 | 7.1 | 54 | 21.0 | 14 | 17 | .20 | .022 | .44 | .44 |
| 16... | 1428 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 1615 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUL | | | | | | | | | | | | | |
| 08... | 1331 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AUG | | | | | | | | | | | | | |
| 11... | 1245 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 18... | 1130 | 739 | 8.8 | 102 | 7.3 | 57 | 21.1 | 16 | 20 | .24 | E.008 | -- | .40 |

0211351575 HOGAN CREEK AT SECONDARY ROAD 2038 NEAR SILOAM, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

| Date | Nitrite water, fltrd, mg/L as N (00613) | Organic nitro- gen, water, unfltrd mg/L (00605) | Total nitro- gen, water, unfltrd mg/L (00600) | Ortho- phos- phate, water, fltrd, mg/L as P (00671) | Phos- phorus, water, unfltrd mg/L (00665) | Sus- pended sedi- ment concen- tration mg/L (80154) |
|-------|--|---|---|--|--|--|
| NOV | | | | | | |
| 10... | E.001 | -- | -- | E.004 | <.04 | -- |
| 24... | -- | -- | -- | -- | -- | 68 |
| DEC | | | | | | |
| 09... | -- | -- | -- | -- | -- | 86 |
| 21... | -- | -- | -- | -- | -- | 39 |
| 22... | -- | -- | -- | -- | -- | 5 |
| 30... | -- | -- | -- | -- | -- | 7 |
| JAN | | | | | | |
| 13... | -- | -- | -- | -- | -- | 4 |
| FEB | | | | | | |
| 10... | -- | -- | -- | -- | -- | 4 |
| 24... | -- | -- | -- | -- | -- | 5 |
| MAR | | | | | | |
| 10... | -- | -- | -- | -- | -- | 4 |
| 24... | -- | -- | -- | -- | -- | 22 |
| 30... | .003 | .25 | .98 | .011 | .04 | 12 |
| APR | | | | | | |
| 07... | -- | -- | -- | -- | -- | 9 |
| 21... | -- | -- | -- | -- | -- | 7 |
| MAY | | | | | | |
| 05... | -- | -- | -- | -- | -- | 4 |
| 20... | -- | -- | -- | -- | -- | 255 |
| JUN | | | | | | |
| 01... | -- | -- | -- | -- | -- | 9 |
| 09... | .004 | .17 | .64 | .014 | .05 | -- |
| 16... | -- | -- | -- | -- | -- | 9 |
| 30... | -- | -- | -- | -- | -- | 12 |
| JUL | | | | | | |
| 08... | -- | -- | -- | -- | -- | 37 |
| AUG | | | | | | |
| 11... | -- | -- | -- | -- | -- | 7 |
| 18... | E.001 | -- | .65 | .012 | .04 | 15 |

Remark codes used in this table:

- < -- Less than.
- E -- Estimated.

0211371675 PAULS CREEK ABOVE SECONDARY ROAD 1625 NEAR PINE RIDGE, NC

LOCATION.--Lat 36°32'29", long 80°40'16", Surry County, Hydrologic Unit 03040101, on left bank, at ford on private unpaved road approximately 200 ft west of Old Rail Road, 3.4 mi northwest of Toast, and 3.8 mi northeast of Pine Ridge.

DRAINAGE AREA.--20.7 mi².

PERIOD OF RECORD.--October 2004 September 2005.

REMARKS.--Station operated in cooperation with the North Carolina Division of Soil and Water Conservation to define the effects of stream restoration and the implementation of Best Management Practices on stream water quality and sediment transport.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| Date | Time | Baro- metric pres- sure, mm Hg (00025) | Dis- solved oxygen, mg/L (00300) | Dis- solved oxygen, percent of sat- uration (00301) | pH, water, unfltrd field, std units (00400) | Specif. conduc- tance, wat unf uS/cm 25 degC (00095) | Temper- ature, water, deg C (00010) | ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419) | Bicar- bonate, wat unf incrm. titr., field, mg/L (00450) | Ammonia + org-N, water, unfltrd mg/L as N (00625) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate water, fltrd, mg/L as N (00618) | Nitrite + nitrate water fltrd, mg/L as N (00631) |
|-------|------|---|--|---|---|--|---|--|---|--|--|--|---|
| OCT | | | | | | | | | | | | | |
| 21... | 1600 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV | | | | | | | | | | | | | |
| 09... | 1300 | 739 | 11.0 | 101 | 6.9 | 76 | 10.1 | -- | -- | <.10 | <.010 | -- | .37 |
| 24... | 1415 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC | | | | | | | | | | | | | |
| 09... | 1500 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | 1600 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 1000 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN | | | | | | | | | | | | | |
| 13... | 1545 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB | | | | | | | | | | | | | |
| 10... | 1000 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 24... | 1600 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR | | | | | | | | | | | | | |
| 10... | 1700 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 24... | 1445 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 29... | 1530 | 724 | 9.2 | 94 | 7.1 | 91 | 13.9 | 9 | 10 | .16 | .011 | .64 | .64 |
| APR | | | | | | | | | | | | | |
| 07... | 1230 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 1130 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | | |
| 05... | 0900 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | 1030 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUN | | | | | | | | | | | | | |
| 01... | 1630 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10... | 1015 | 737 | 8.7 | 97 | 7.1 | 85 | 18.8 | 9 | 11 | .15 | .010 | -- | .42 |
| 16... | 1532 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 1521 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUL | | | | | | | | | | | | | |
| 08... | 1424 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AUG | | | | | | | | | | | | | |
| 10... | 1500 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 19... | 0845 | 735 | 9.8 | 111 | 7.2 | 79 | 19.6 | 12 | 15 | .12 | <.010 | .43 | .44 |

0211371675 PAULS CREEK ABOVE SECONDARY ROAD 1625 NEAR PINE RIDGE, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

| Date | Nitrite water, fltrd, mg/L as N (00613) | Organic nitro- gen, water, unfltrd mg/L (00605) | Total nitro- gen, water, unfltrd mg/L (00600) | Ortho- phos- phate, water, fltrd, mg/L as P (00671) | Phos- phorus, water, unfltrd mg/L (00665) | Sus- pended sedi- ment concen- tration mg/L (80154) |
|--------------|--|---|---|--|--|--|
| OCT 21... | -- | -- | -- | -- | -- | 3 |
| NOV 09... | E.001 | -- | -- | <.006 | <.04 | -- |
| 24... | -- | -- | -- | -- | -- | 88 |
| DEC 09... | -- | -- | -- | -- | -- | 35 |
| 22... | -- | -- | -- | -- | -- | 4 |
| 30... | -- | -- | -- | -- | -- | 4 |
| JAN 13... | -- | -- | -- | -- | -- | 3 |
| FEB 10... | -- | -- | -- | -- | -- | 5 |
| 24... | -- | -- | -- | -- | -- | 5 |
| MAR 10... | -- | -- | -- | -- | -- | 3 |
| 24... | -- | -- | -- | -- | -- | 6 |
| 29... | .002 | .15 | .80 | E.005 | E.03 | 45 |
| APR 07... | -- | -- | -- | -- | -- | 12 |
| 21... | -- | -- | -- | -- | -- | 9 |
| MAY 05... | -- | -- | -- | -- | -- | 4 |
| 20... | -- | -- | -- | -- | -- | 292 |
| JUN 01... | -- | -- | -- | -- | -- | 28 |
| 10... | E.001 | .14 | .57 | E.005 | E.03 | -- |
| 16... | -- | -- | -- | -- | -- | 7 |
| 30... | -- | -- | -- | -- | -- | 7 |
| JUL 08... | -- | -- | -- | -- | -- | 28 |
| AUG 10... | -- | -- | -- | -- | -- | 5 |
| 19... | .002 | -- | .56 | E.004 | <.04 | 8 |

Remark codes used in this table:

- < -- Less than.
- E -- Estimated.

02113850 ARARAT RIVER AT ARARAT, NC

LOCATION.--Lat 36°24'16", long 80°33'42", Surry County, Hydrologic Unit 03040101, on right bank 265 ft upstream from bridge on Secondary Road 2019 at Ararat, and 300 ft downstream of Flat Shoal Creek.

DRAINAGE AREA.--231 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is 880.97 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred Aug. 20, 1999.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of June 14, 1947, reached a stage of 21.4 ft, result of failure of dams upstream; discharge, 26,000 ft³/s, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|--------|--------|-------|--------|--------|-------|-------|--------|-------|-------|
| 1 | 433 | 238 | 428 | 295 | 369 | 491 | 428 | 339 | 207 | 214 | 371 | e171 |
| 2 | 397 | 235 | 355 | 286 | 352 | 402 | 875 | 308 | 313 | 208 | 269 | e167 |
| 3 | 371 | 236 | 320 | 283 | 468 | 372 | 555 | 299 | 310 | 192 | 242 | e161 |
| 4 | 352 | 284 | 303 | 282 | 463 | 360 | 452 | 290 | 259 | 315 | 232 | e156 |
| 5 | 325 | 290 | 292 | 280 | 400 | 364 | 414 | 283 | 241 | 328 | 215 | e150 |
| 6 | 315 | 256 | 287 | 279 | 367 | 354 | 390 | 284 | 218 | 264 | 215 | e144 |
| 7 | 318 | 248 | 300 | 274 | 362 | 342 | 386 | 278 | 235 | 930 | 224 | e140 |
| 8 | 309 | 243 | 286 | 275 | 365 | 394 | 403 | 271 | 492 | 1,180 | 220 | e136 |
| 9 | 310 | 229 | 476 | 270 | 358 | 355 | 381 | 260 | 469 | 401 | 253 | e133 |
| 10 | 301 | 224 | 908 | 265 | 351 | 336 | 355 | 255 | 465 | 293 | 236 | e129 |
| 11 | 287 | 224 | 539 | 265 | 335 | 330 | 348 | 271 | 391 | 261 | 211 | e127 |
| 12 | 283 | 570 | 428 | 266 | 328 | 325 | 342 | 260 | 282 | 283 | 195 | e123 |
| 13 | 902 | 446 | 381 | 265 | 331 | 317 | 451 | 265 | 282 | 417 | 186 | e119 |
| 14 | 518 | 303 | 341 | e4,570 | 368 | 332 | 481 | 264 | 334 | 399 | 185 | 116 |
| 15 | 312 | 272 | 320 | e961 | 357 | 315 | 382 | 284 | 254 | 414 | 201 | 118 |
| 16 | 269 | 260 | 309 | 557 | 342 | 327 | 351 | 280 | 228 | 442 | 205 | 133 |
| 17 | 249 | 253 | 307 | 473 | 327 | 398 | 338 | 246 | 212 | 402 | 332 | 159 |
| 18 | 242 | 249 | 304 | 427 | 315 | 366 | 331 | 240 | 204 | 336 | 220 | 134 |
| 19 | 252 | 244 | e280 | 406 | 310 | 338 | 321 | 263 | 213 | 726 | 207 | 123 |
| 20 | 251 | 244 | e275 | 401 | 313 | 326 | 314 | 376 | 213 | 594 | 211 | 139 |
| 21 | 244 | 238 | e265 | 399 | 336 | 317 | 313 | 328 | 205 | 405 | e180 | 183 |
| 22 | 241 | 234 | e265 | 382 | 322 | 313 | 387 | 254 | 201 | 353 | e174 | 128 |
| 23 | 246 | 272 | 1,100 | 371 | 311 | 596 | 543 | 241 | 190 | 326 | e167 | 127 |
| 24 | 260 | 802 | 788 | e358 | 343 | 480 | 365 | 235 | 178 | 284 | e163 | 121 |
| 25 | 250 | 1,050 | 443 | 357 | 329 | 398 | 333 | 231 | 176 | 263 | e160 | 120 |
| 26 | 236 | 456 | 385 | 355 | 310 | 376 | 320 | 226 | 173 | 244 | e160 | 130 |
| 27 | 245 | 377 | 346 | 345 | 309 | 372 | 334 | 218 | 175 | 227 | e159 | 139 |
| 28 | 254 | 377 | 325 | 327 | 466 | 2,370 | 311 | 219 | 271 | 222 | e157 | 130 |
| 29 | 251 | 321 | 316 | 324 | --- | 931 | 359 | 219 | 375 | 254 | e155 | 136 |
| 30 | 252 | 306 | 313 | 410 | --- | 544 | 359 | 216 | 308 | 262 | e167 | 130 |
| 31 | 244 | --- | 304 | 413 | --- | 462 | --- | 208 | --- | 613 | e210 | --- |
| TOTAL | 9,719 | 9,981 | 12,289 | 15,421 | 9,907 | 14,303 | 11,922 | 8,211 | 8,074 | 12,052 | 6,482 | 4,122 |
| MEAN | 314 | 333 | 396 | 497 | 354 | 461 | 397 | 265 | 269 | 389 | 209 | 137 |
| MAX | 902 | 1,050 | 1,100 | 4,570 | 468 | 2,370 | 875 | 376 | 492 | 1,180 | 371 | 183 |
| MIN | 236 | 224 | 265 | 265 | 309 | 313 | 311 | 208 | 173 | 192 | 155 | 116 |
| CFSM | 1.36 | 1.44 | 1.72 | 2.15 | 1.53 | 2.00 | 1.72 | 1.15 | 1.17 | 1.68 | 0.91 | 0.59 |
| IN. | 1.57 | 1.61 | 1.98 | 2.48 | 1.60 | 2.30 | 1.92 | 1.32 | 1.30 | 1.94 | 1.04 | 0.66 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

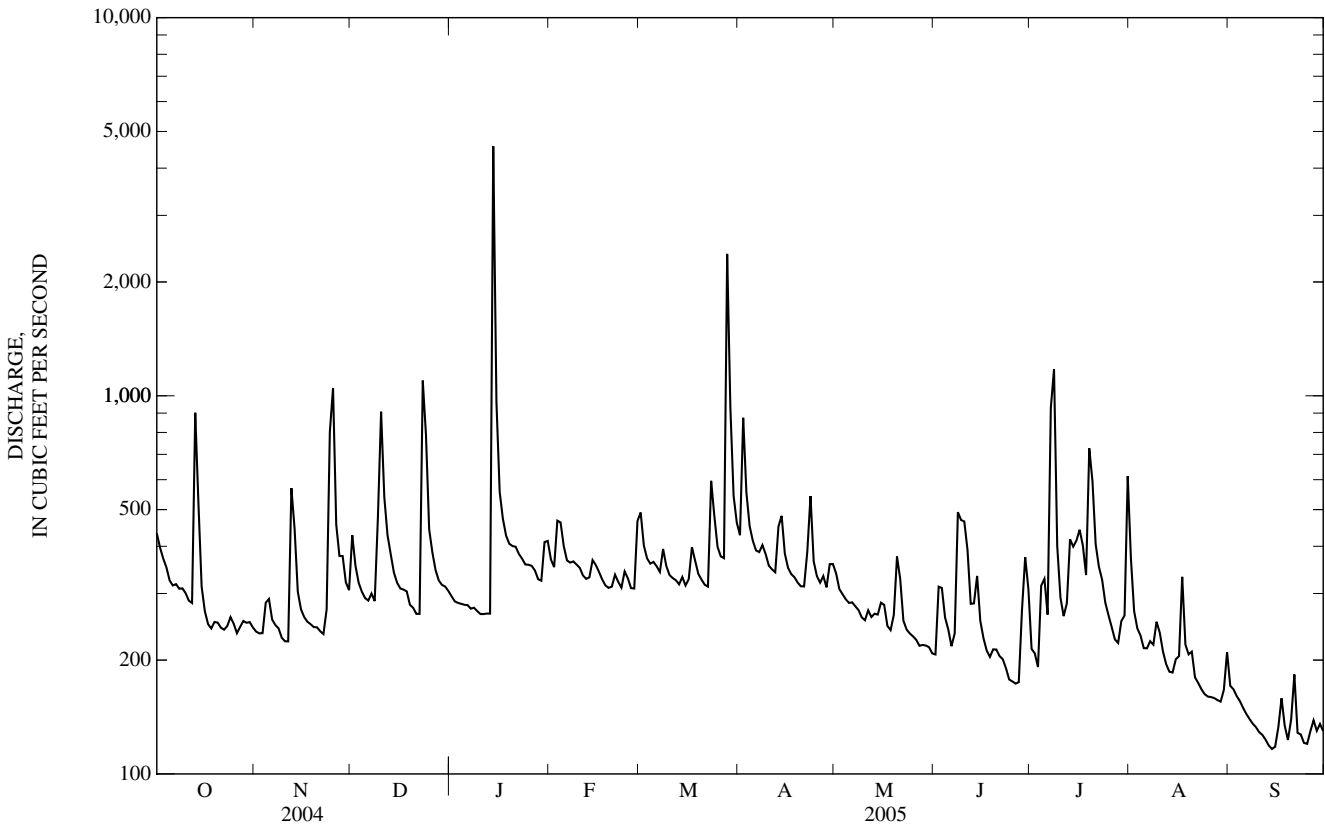
| | 234 | 251 | 285 | 335 | 363 | 428 | 427 | 351 | 320 | 260 | 249 | 232 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 234 | 251 | 285 | 335 | 363 | 428 | 427 | 351 | 320 | 260 | 249 | 232 |
| MAX | 587 | 537 | 584 | 743 | 691 | 992 | 1,048 | 591 | 855 | 658 | 930 | 879 |
| (WY) | (1977) | (1993) | (1974) | (1978) | (1990) | (1993) | (1980) | (1973) | (2003) | (2003) | (2003) | (1979) |
| MIN | 83.1 | 90.3 | 121 | 120 | 141 | 172 | 170 | 143 | 80.3 | 81.9 | 43.0 | 88.2 |
| (WY) | (2001) | (2002) | (2001) | (1981) | (2001) | (1981) | (1967) | (2002) | (2002) | (1986) | (2002) | (1998) |

02113850 ARARAT RIVER AT ARARAT, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1964 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 122,037 | | 122,483 | | 311 | |
| ANNUAL MEAN | 333 | | 336 | | 493 | |
| HIGHEST ANNUAL MEAN | | | | | 137 | |
| LOWEST ANNUAL MEAN | | | | | 2002 | |
| HIGHEST DAILY MEAN | 3,800 | Sep 28 | 4,570 | Jan 14 | 13,600 | Sep 22, 1979 |
| LOWEST DAILY MEAN | 143 | Sep 6 | 116 | Sep 14 | 13 | Aug 19, 1999 |
| ANNUAL SEVEN-DAY MINIMUM | 153 | Sep 1 | 124 | Sep 9 | 23 | Aug 24, 1981 |
| MAXIMUM PEAK FLOW | | | 10,200 | Jan 14 | 35,000 | Sep 22, 1979 |
| MAXIMUM PEAK STAGE | | | 14.29 | Jan 14 | 24.46 | Sep 22, 1979 |
| INSTANTANEOUS LOW FLOW | | | 110 | Sep 16 | 12* | Aug 19, 1999 |
| ANNUAL RUNOFF (CFSM) | 1.44 | | 1.45 | | 1.35 | |
| ANNUAL RUNOFF (INCHES) | 19.65 | | 19.72 | | 18.30 | |
| 10 PERCENT EXCEEDS | 437 | | 458 | | 506 | |
| 50 PERCENT EXCEEDS | 280 | | 303 | | 240 | |
| 90 PERCENT EXCEEDS | 192 | | 169 | | 120 | |

* See REMARKS.

e Estimated.



PRECIPITATION RECORDS

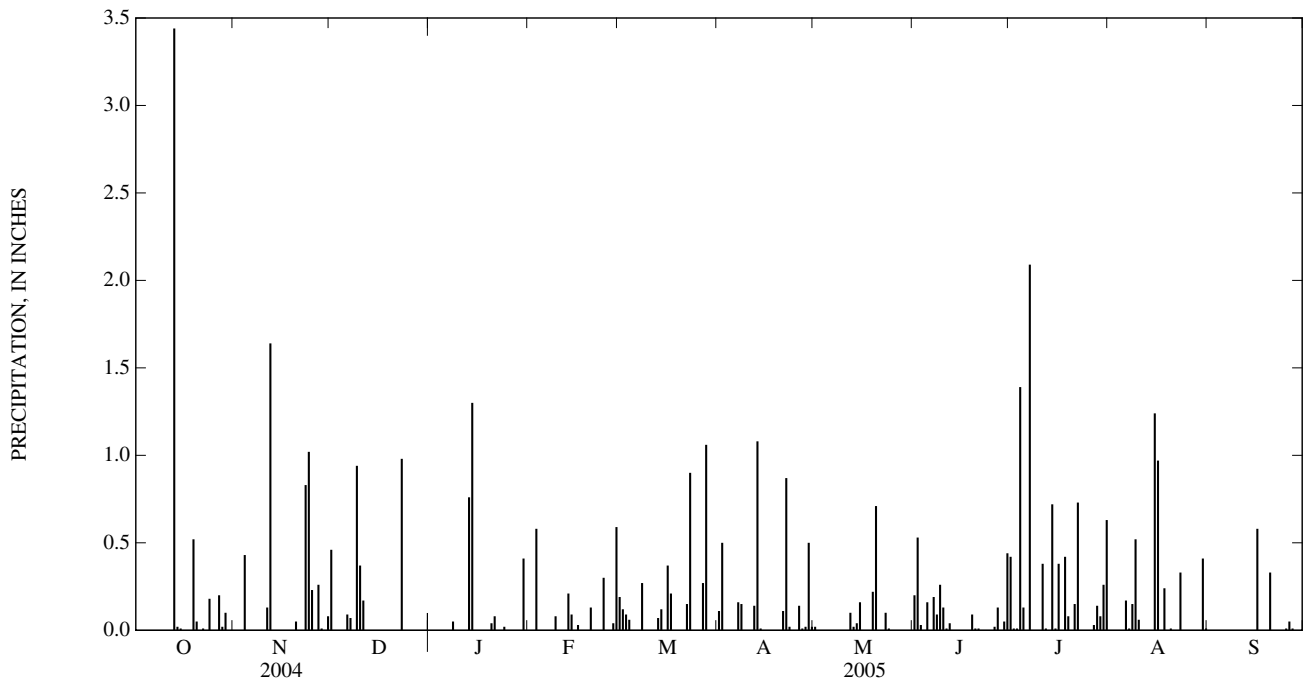
PERIOD OF RECORD.--October 2002 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.46 | 0.00 | 0.00 | 0.19 | 0.11 | 0.02 | 0.20 | 0.42 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.50 | 0.00 | 0.53 | 0.01 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 0.09 | 0.00 | 0.00 | 0.03 | 0.01 | 0.00 | 0.00 |
| 4 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 1.39 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.13 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 |
| 7 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.19 | 2.09 | 0.01 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.27 | 0.15 | 0.00 | 0.09 | 0.00 | 0.15 | 0.00 |
| 9 | 0.00 | 0.00 | 0.94 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.26 | 0.00 | 0.52 | 0.00 |
| 10 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.06 | 0.00 |
| 11 | 0.00 | 0.13 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.38 | 0.00 | 0.00 |
| 12 | 0.00 | 1.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.10 | 0.04 | 0.01 | 0.00 | 0.00 |
| 13 | 3.44 | 0.00 | 0.00 | 0.76 | 0.21 | 0.07 | 1.08 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 | 0.02 | 0.00 | 0.00 | 1.30 | 0.09 | 0.12 | 0.01 | 0.04 | 0.00 | 0.72 | 0.00 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.01 | 1.24 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.37 | 0.00 | 0.00 | 0.00 | 0.38 | 0.97 | 0.58 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.42 | 0.24 | 0.00 |
| 19 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.09 | 0.08 | 0.00 | 0.00 |
| 20 | 0.05 | 0.05 | 0.00 | 0.04 | 0.13 | 0.00 | 0.00 | 0.71 | 0.01 | 0.00 | 0.01 | 0.33 |
| 21 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.11 | 0.00 | 0.01 | 0.15 | 0.00 | 0.00 |
| 22 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.87 | 0.00 | 0.00 | 0.73 | 0.00 | 0.00 |
| 23 | 0.00 | 0.83 | 0.98 | 0.00 | 0.00 | 0.90 | 0.02 | 0.10 | 0.00 | 0.00 | 0.33 | 0.00 |
| 24 | 0.18 | 1.02 | 0.00 | 0.02 | 0.30 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.02 | 0.00 | 0.00 | 0.05 |
| 27 | 0.20 | 0.26 | 0.00 | 0.00 | 0.04 | 0.27 | 0.01 | 0.00 | 0.13 | 0.03 | 0.00 | 0.01 |
| 28 | 0.02 | 0.01 | 0.00 | 0.00 | 0.59 | 1.06 | 0.02 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 |
| 29 | 0.10 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.50 | 0.00 | 0.05 | 0.08 | 0.00 | 0.00 |
| 30 | 0.00 | 0.08 | 0.00 | 0.41 | --- | 0.00 | 0.02 | 0.00 | 0.44 | 0.26 | 0.41 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.63 | 0.01 | --- |
| TOTAL | 4.55 | 4.68 | 3.08 | 2.66 | 2.05 | 3.88 | 3.84 | 1.38 | 2.39 | 8.07 | 4.12 | 0.98 |



0211397263 BULL CREEK AT ASH HILL, NC

LOCATION.--Lat 36°23'23", long 80°34'40", Surry County, Hydrologic Unit 03040101, on left bank, at downstream side of culvert on Secondary Road 2019, 0.2 mi southwest of Ash Hill, and 6.0 mi west of Pilot Mountain.

DRAINAGE AREA.--3.3 mi².

PERIOD OF RECORD.--June 2004 September 2005.

REMARKS.--Station operated in cooperation with the North Carolina Division of Soil and Water Conservation to define the effects of stream restoration and the implementation of Best Management Practices on stream water quality and sediment transport.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| Date | Time | Suspended sediment concentration mg/L (80154) |
|-------|------|---|
| JUN | | |
| 17... | 1500 | 84 |
| 24... | 1615 | 60 |
| JUL | | |
| 01... | 1445 | 13 |
| 15... | 1715 | 9 |
| AUG | | |
| 12... | 1345 | 86 |
| 26... | 1730 | 8 |
| SEP | | |
| 09... | 1545 | 24 |
| 23... | 1030 | 6 |
| 30... | 1545 | 17 |

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| Date | Time | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unfltrd uS/cm 25 degC (00095) | Temperature, water, deg C (00010) | ANC, wat unfltrd, titr., field, mg/L as CaCO3 (00419) | Bicarbonate, wat unfltrd, titr., field, mg/L (00450) | Ammonia + org-N, water, unfltrd mg/L as N (00625) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate water, fltrd, mg/L as N (00618) | Nitrite + nitrate water fltrd, mg/L as N (00631) |
|-------|------|------------------------------------|--------------------------------|---|---|---|-----------------------------------|---|--|---|---|---|--|
| OCT | | | | | | | | | | | | | |
| 07... | 1245 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | 1515 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV | | | | | | | | | | | | | |
| 10... | 1045 | -- | -- | -- | -- | -- | -- | -- | -- | .12 | .012 | .71 | .72 |
| 24... | 1500 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC | | | | | | | | | | | | | |
| 09... | 1530 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | 1630 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 1100 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN | | | | | | | | | | | | | |
| 13... | 1515 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB | | | | | | | | | | | | | |
| 10... | 0915 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 24... | 1530 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR | | | | | | | | | | | | | |
| 10... | 1600 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 24... | 1530 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 0930 | 736 | 9.6 | 90 | 7.3 | 59 | 10.8 | 13 | 16 | .32 | .050 | .84 | .85 |
| APR | | | | | | | | | | | | | |
| 21... | 1200 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | | |
| 05... | 0830 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | 1000 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUN | | | | | | | | | | | | | |
| 01... | 1700 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 09... | 1230 | 735 | 7.7 | 90 | 7.0 | 59 | 21.1 | 13 | 16 | .38 | .076 | .82 | .84 |
| 16... | 1446 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | 1556 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUL | | | | | | | | | | | | | |
| 08... | 1343 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| AUG | | | | | | | | | | | | | |
| 11... | 0930 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 18... | 1615 | 737 | 9.3 | 109 | 7.3 | 64 | 21.7 | 17 | 21 | .40 | .048 | .70 | .71 |

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

| Date | Nitrite water, fltrd, mg/L as N (00613) | Organic nitro- gen, water, unfltrd mg/L (00605) | Total nitro- gen, water, unfltrd mg/L (00600) | Ortho- phos- phate, water, fltrd, mg/L as P (00671) | Phos- phorus, water, unfltrd mg/L (00665) | Sus- pended sedi- ment concen- tration mg/L (80154) |
|-------|--|---|---|--|--|--|
| OCT | | | | | | |
| 07... | -- | -- | -- | -- | -- | 5 |
| 21... | -- | -- | -- | -- | -- | 10 |
| NOV | | | | | | |
| 10... | .003 | .10 | .83 | <.006 | <.04 | 3 |
| 24... | -- | -- | -- | -- | -- | 64 |
| DEC | | | | | | |
| 09... | -- | -- | -- | -- | -- | 272 |
| 22... | -- | -- | -- | -- | -- | 3 |
| 30... | -- | -- | -- | -- | -- | 5 |
| JAN | | | | | | |
| 13... | -- | -- | -- | -- | -- | 4 |
| FEB | | | | | | |
| 10... | -- | -- | -- | -- | -- | 6 |
| 24... | -- | -- | -- | -- | -- | 8 |
| MAR | | | | | | |
| 10... | -- | -- | -- | -- | -- | 7 |
| 24... | -- | -- | -- | -- | -- | 24 |
| 30... | .005 | .27 | 1.2 | .009 | .06 | 18 |
| APR | | | | | | |
| 21... | -- | -- | -- | -- | -- | 7 |
| MAY | | | | | | |
| 05... | -- | -- | -- | -- | -- | 6 |
| 20... | -- | -- | -- | -- | -- | 77 |
| JUN | | | | | | |
| 01... | -- | -- | -- | -- | -- | 14 |
| 09... | .020 | .30 | 1.2 | .008 | .04 | -- |
| 16... | -- | -- | -- | -- | -- | 11 |
| 30... | -- | -- | -- | -- | -- | 15 |
| JUL | | | | | | |
| 08... | -- | -- | -- | -- | -- | 131 |
| AUG | | | | | | |
| 11... | -- | -- | -- | -- | -- | 14 |
| 18... | .008 | .36 | 1.1 | E.005 | .06 | 27 |

Remark codes used in this table:

< -- Less than.

E -- Estimated.

02114450 LITTLE YADKIN RIVER AT DALTON, NC

LOCATION.--Lat 36°17'56", long 80°25'52", Stokes County, Hydrologic Unit 03040101, on left bank 1,200 ft downstream of bridge on U.S. Highway 52, 1.0 mi southwest of Dalton, 1.3 mi downstream of Southern Railway bridge, and 2.0 mi downstream of Danbury Creek.

DRAINAGE AREA.--42.8 mi².

PERIOD OF RECORD.--August 1960 to current year.

REVISED RECORDS.--WSP 2104: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 813.7 ft above NGVD of 1929 (North Carolina State Highway Commission bench mark). Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. A Natural Resources Conservation Service flood-control dam on upstream tributary, drainage area 4.7 mi² with flood storage of 695 acre-ft, was completed on June 21, 1977. Maximum discharge for period of record, from rating curve extended above 7,700 ft³/s on basis of slope-area measurement at gage height 17.86 ft. Minimum discharge for period of record also occurred Aug. 25, 26, 2002. Minimum discharge for current water year also occurred Sept. 14, 15, 16.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|-------|-------|-------|------|-------|------|------|------|-------|------|-------|
| 1 | 100 | 22 | 63 | 33 | 32 | 87 | 42 | 28 | 17 | 23 | 23 | 10 |
| 2 | 71 | 22 | 52 | 32 | 29 | 55 | 64 | 24 | 32 | 21 | 18 | 9.8 |
| 3 | 46 | 23 | 44 | 32 | 68 | 44 | 47 | 23 | 26 | 17 | 16 | 9.5 |
| 4 | 36 | 37 | 40 | 32 | 64 | 38 | 39 | 22 | 22 | 37 | 15 | 9.2 |
| 5 | 28 | 32 | 37 | 32 | 41 | 36 | 36 | 23 | 19 | 25 | 14 | 8.6 |
| 6 | 24 | 26 | 36 | 32 | 35 | 33 | 34 | 22 | 17 | 19 | 15 | 7.8 |
| 7 | 23 | 25 | 38 | 31 | 32 | 31 | 34 | 22 | 69 | 1,050 | 18 | 8.3 |
| 8 | 22 | 23 | 35 | 32 | 31 | 39 | 36 | 22 | 38 | 372 | 16 | 7.8 |
| 9 | 22 | 22 | 94 | 31 | 30 | 33 | 32 | 21 | 23 | 120 | 79 | 7.7 |
| 10 | 21 | 22 | 323 | 31 | 29 | 30 | 30 | 22 | 22 | 72 | 26 | 7.7 |
| 11 | 21 | 22 | 165 | 30 | 26 | 30 | 30 | 22 | 24 | 41 | 20 | 7.0 |
| 12 | 21 | 125 | 90 | 30 | 26 | 28 | 29 | 20 | 19 | 32 | 17 | 6.9 |
| 13 | 37 | 90 | 63 | 30 | 26 | 28 | 37 | 29 | 19 | 24 | 14 | 7.1 |
| 14 | 77 | 44 | 49 | 585 | 31 | 30 | 38 | 22 | 19 | 23 | 13 | 6.8 |
| 15 | 34 | 34 | 43 | 142 | 28 | 27 | 32 | 60 | 16 | 27 | 12 | 6.9 |
| 16 | 26 | 30 | 40 | 68 | 27 | 31 | 29 | 42 | 15 | 22 | 13 | 6.9 |
| 17 | 23 | 28 | 38 | 44 | 26 | 48 | 26 | 24 | 13 | 22 | 18 | 10 |
| 18 | 22 | 27 | 37 | 36 | 24 | 43 | 26 | 21 | 13 | 20 | 15 | 9.0 |
| 19 | 27 | 25 | 36 | 34 | 24 | 35 | 26 | 30 | 14 | 20 | 14 | 7.9 |
| 20 | 32 | 25 | e35 | 32 | 24 | 32 | 25 | 122 | 15 | 18 | 17 | 8.0 |
| 21 | 25 | 24 | e34 | 32 | 27 | 30 | 24 | 76 | 14 | 17 | 18 | 12 |
| 22 | 24 | 23 | 32 | 31 | 25 | 29 | 28 | 34 | 13 | 27 | 13 | 9.2 |
| 23 | 23 | 100 | 99 | 29 | 24 | 68 | 38 | 28 | 13 | 27 | 14 | 8.8 |
| 24 | 24 | 208 | 81 | e28 | 33 | 69 | 27 | 23 | 12 | 18 | 15 | 8.0 |
| 25 | 23 | 180 | 52 | e27 | 29 | 44 | 25 | 22 | 12 | 16 | 13 | 7.8 |
| 26 | 22 | 80 | 43 | 27 | 26 | 37 | 25 | 21 | 12 | 14 | 12 | 8.9 |
| 27 | 22 | 56 | 39 | 26 | 26 | 36 | 26 | 19 | 22 | 14 | 11 | 9.8 |
| 28 | 25 | 70 | 36 | 24 | 91 | 452 | 24 | 19 | 112 | 19 | 12 | 8.5 |
| 29 | 25 | 50 | 36 | 26 | --- | 136 | 32 | 18 | 30 | 61 | 11 | 8.0 |
| 30 | 24 | 43 | 35 | 40 | --- | 66 | 30 | 18 | 30 | 33 | 12 | 7.5 |
| 31 | 23 | --- | 34 | 40 | --- | 48 | --- | 18 | --- | 25 | 12 | --- |
| TOTAL | 973 | 1,538 | 1,879 | 1,679 | 934 | 1,773 | 971 | 917 | 722 | 2,276 | 536 | 251.4 |
| MEAN | 31.4 | 51.3 | 60.6 | 54.2 | 33.4 | 57.2 | 32.4 | 29.6 | 24.1 | 73.4 | 17.3 | 8.38 |
| MAX | 100 | 208 | 323 | 585 | 91 | 452 | 64 | 122 | 112 | 1,050 | 79 | 12 |
| MIN | 21 | 22 | 32 | 24 | 24 | 27 | 24 | 18 | 12 | 14 | 11 | 6.8 |
| CFSM | 0.73 | 1.20 | 1.42 | 1.27 | 0.78 | 1.34 | 0.76 | 0.69 | 0.56 | 1.72 | 0.40 | 0.20 |
| IN. | 0.85 | 1.34 | 1.63 | 1.46 | 0.81 | 1.54 | 0.84 | 0.80 | 0.63 | 1.98 | 0.47 | 0.22 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2005, BY WATER YEAR (WY)

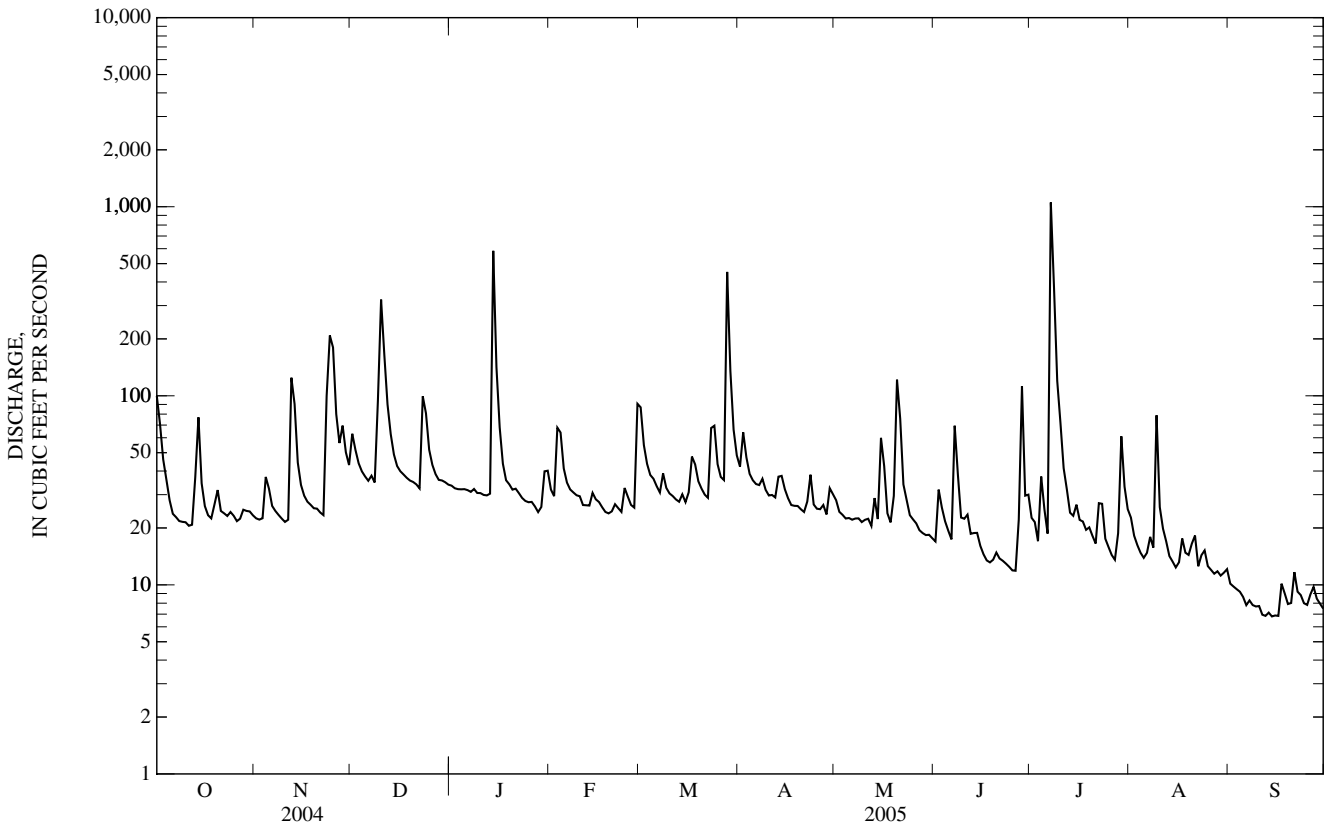
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 35.2 | 32.8 | 46.6 | 58.0 | 63.9 | 81.1 | 60.4 | 44.4 | 38.5 | 32.4 | 30.3 | 32.0 |
| MAX | 171 | 102 | 113 | 136 | 163 | 250 | 217 | 154 | 155 | 128 | 120 | 172 |
| (WY) | (1991) | (1993) | (1974) | (1978) | (1990) | (1975) | (1987) | (1984) | (1962) | (1978) | (1970) | (1979) |
| MIN | 7.47 | 9.14 | 15.1 | 17.2 | 24.9 | 20.1 | 18.0 | 13.1 | 7.15 | 4.27 | 3.51 | 5.08 |
| (WY) | (1987) | (2002) | (2001) | (1981) | (2001) | (1967) | (1967) | (2002) | (1986) | (1986) | (2002) | (1968) |

02114450 LITTLE YADKIN RIVER AT DALTON, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1960 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 17,410 | | 14,449.4 | | 46.1 | |
| ANNUAL MEAN | 47.6 | | 39.6 | | 84.9 | |
| HIGHEST ANNUAL MEAN | | | | | 19.9 | |
| LOWEST ANNUAL MEAN | | | | | 2002 | |
| HIGHEST DAILY MEAN | 2,470 | Sep 28 | 1,050 | Jul 7 | 3,350 | Jun 21, 1972 |
| LOWEST DAILY MEAN | 10 | Sep 6 | 6.8 | Sep 14 | 1.4 | Aug 21, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 12 | Aug 31 | 7.0 | Sep 10 | 1.6 | Aug 19, 2002 |
| MAXIMUM PEAK FLOW | | | 4,530 | Jul 7 | 9,400* | Sep 22, 1979 |
| MAXIMUM PEAK STAGE | | | 11.41 | Jul 7 | 20.29 | Sep 22, 1979 |
| INSTANTANEOUS LOW FLOW | | | 6.5* | Sep 12 | 1.2* | Aug 24, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.11 | | 0.925 | | 1.08 | |
| ANNUAL RUNOFF (INCHES) | 15.13 | | 12.56 | | 14.64 | |
| 10 PERCENT EXCEEDS | 70 | | 65 | | 73 | |
| 50 PERCENT EXCEEDS | 31 | | 27 | | 26 | |
| 90 PERCENT EXCEEDS | 16 | | 12 | | 12 | |

* See REMARKS.

e Estimated.



02115360 YADKIN RIVER AT ENON, NC

LOCATION.--Lat 36°07'54", long 80°26'38", Forsyth County, Hydrologic Unit 03040101, on left bank 70 ft upstream from bridge on Secondary Road 1525, 1.5 mi east of Enon, 4 mi upstream from Forbush Creek, and 324 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--1,694 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1964 to current year.

REVISED RECORDS.--WDR NC-72-1: 1970 (M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 701.71 ft above NGVD of 1929. Prior to Nov. 6, 1968, nonrecording gage on downstream side of bridge at same site and datum. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Some regulation by W. Kerr Scott Reservoir (station 02111391). Minimum discharge for current water year also occurred Sept. 25.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Aug. 15, 1940, reached a stage of 737.5 ft (35.8 ft above gage datum), from information by U.S. Army Corps of Engineers.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|--------|--------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|
| 1 | 4,830 | 2,090 | 2,690 | 2,320 | 2,600 | 3,890 | 4,660 | 2,540 | 1,670 | 2,190 | 3,370 | 1,870 |
| 2 | 3,520 | 2,040 | 3,090 | 2,220 | 2,530 | 3,280 | 4,100 | 2,400 | 2,010 | 2,080 | 2,190 | 1,570 |
| 3 | 3,080 | 1,980 | 2,600 | 2,260 | 2,440 | 2,970 | 4,790 | 2,300 | 3,060 | 2,190 | 2,010 | 1,300 |
| 4 | 2,790 | 2,080 | 2,330 | 2,260 | 3,140 | 2,580 | 4,120 | 2,250 | 2,660 | 2,230 | 1,810 | 1,180 |
| 5 | 2,470 | 2,710 | 2,270 | 2,190 | 2,720 | 2,490 | 3,560 | 2,170 | 2,420 | 2,470 | 1,690 | 1,140 |
| 6 | 2,340 | 2,700 | 2,220 | 2,150 | 2,540 | 2,570 | 3,270 | 2,140 | 2,070 | 2,930 | 1,660 | 1,190 |
| 7 | 2,240 | 2,590 | 2,270 | 2,120 | 2,400 | 2,540 | 3,130 | 2,120 | 1,850 | 5,480 | 1,930 | 1,170 |
| 8 | 2,190 | 2,190 | 2,260 | 2,070 | 2,290 | 2,600 | 3,140 | 2,130 | 2,480 | 14,000 | 1,860 | 1,130 |
| 9 | 2,110 | 1,920 | 2,420 | 2,080 | 2,340 | 2,710 | 3,110 | 2,090 | 3,020 | 4,510 | 2,870 | 1,100 |
| 10 | 2,060 | 1,930 | 6,940 | 2,030 | 2,370 | 2,470 | 2,980 | 1,970 | 3,320 | 3,820 | 2,900 | 1,050 |
| 11 | 2,010 | 1,930 | 5,390 | 2,010 | 2,230 | 2,330 | 2,770 | 2,000 | 3,250 | 3,480 | 2,140 | 1,130 |
| 12 | 1,940 | 2,980 | 4,110 | 1,960 | 2,170 | 2,230 | 2,580 | 2,180 | 2,510 | 3,480 | 1,890 | 1,130 |
| 13 | 2,870 | 4,970 | 3,230 | 1,960 | 2,180 | 2,170 | 2,980 | 2,100 | 2,370 | 3,880 | 1,680 | 1,120 |
| 14 | 6,000 | 3,070 | 2,880 | 16,600 | 2,270 | 2,230 | 5,430 | 2,020 | 2,530 | 3,380 | 1,590 | 1,110 |
| 15 | 2,990 | 2,750 | 2,500 | 7,410 | 2,310 | 2,230 | 4,020 | 2,120 | 3,000 | 2,920 | 1,640 | 1,100 |
| 16 | 2,510 | 2,500 | 2,320 | 4,960 | 2,230 | 2,230 | 3,420 | 2,520 | 3,080 | 2,900 | 1,870 | 1,100 |
| 17 | 2,270 | 2,260 | 2,290 | 3,840 | 2,200 | 2,540 | 3,020 | 2,240 | 2,390 | 3,430 | 2,010 | 1,170 |
| 18 | 1,990 | 2,150 | 2,200 | 3,140 | 2,120 | 2,650 | 2,840 | 2,020 | 1,810 | 3,260 | 1,940 | 1,200 |
| 19 | 1,880 | 1,990 | 2,180 | 2,820 | 2,020 | 2,410 | 2,850 | 2,000 | 1,770 | 3,540 | 2,640 | 1,090 |
| 20 | 2,130 | 1,950 | 2,190 | 2,680 | 2,020 | 2,250 | 2,670 | 3,000 | 2,070 | 3,390 | 2,630 | 1,000 |
| 21 | 2,100 | 1,970 | 2,120 | 2,660 | 2,080 | 2,220 | 2,500 | 2,960 | 1,940 | 3,120 | 2,610 | 1,080 |
| 22 | 2,080 | 1,950 | 2,050 | 2,580 | 2,090 | 2,170 | 2,640 | 2,340 | 1,980 | 3,100 | 2,000 | 1,050 |
| 23 | 1,990 | 2,110 | 3,130 | 2,560 | 2,030 | 3,200 | 3,520 | 2,050 | 1,890 | 2,690 | 1,640 | 1,020 |
| 24 | 2,080 | 3,030 | 8,250 | 2,310 | 2,110 | 6,340 | 2,920 | 1,910 | 1,790 | 2,230 | 1,650 | 981 |
| 25 | 2,180 | 7,360 | 4,680 | 2,330 | 2,380 | 3,730 | 2,600 | 1,910 | 1,660 | 1,930 | 1,630 | 958 |
| 26 | 2,050 | 4,050 | 4,080 | 2,220 | 2,250 | 3,100 | 2,460 | 1,840 | 1,610 | 1,790 | 1,610 | 1,010 |
| 27 | 1,990 | 3,510 | 3,560 | 2,220 | 2,170 | 2,750 | 2,460 | 1,750 | 1,680 | 1,820 | 1,530 | 1,120 |
| 28 | 2,080 | 3,640 | 2,850 | 2,180 | 2,700 | 12,500 | 2,410 | 1,720 | 2,100 | 1,820 | 1,520 | 1,130 |
| 29 | 2,160 | 3,190 | 2,510 | 2,140 | --- | 10,100 | 2,420 | 1,720 | 1,830 | 2,540 | 1,510 | 1,060 |
| 30 | 2,280 | 2,550 | 2,510 | 2,330 | --- | 6,050 | 2,680 | 1,720 | 2,380 | 2,390 | 1,490 | 1,040 |
| 31 | 2,180 | --- | 2,470 | 2,630 | --- | 5,250 | --- | 1,690 | --- | 2,950 | 1,760 | --- |
| TOTAL | 77,390 | 82,140 | 96,590 | 95,240 | 64,930 | 108,780 | 96,050 | 65,920 | 68,200 | 101,940 | 61,270 | 34,299 |
| MEAN | 2,496 | 2,738 | 3,116 | 3,072 | 2,319 | 3,509 | 3,202 | 2,126 | 2,273 | 3,288 | 1,976 | 1,143 |
| MAX | 6,000 | 7,360 | 8,250 | 16,600 | 3,140 | 12,500 | 5,430 | 3,000 | 3,320 | 14,000 | 3,370 | 1,870 |
| MIN | 1,880 | 1,920 | 2,050 | 1,960 | 2,020 | 2,170 | 2,410 | 1,690 | 1,610 | 1,790 | 1,490 | 958 |

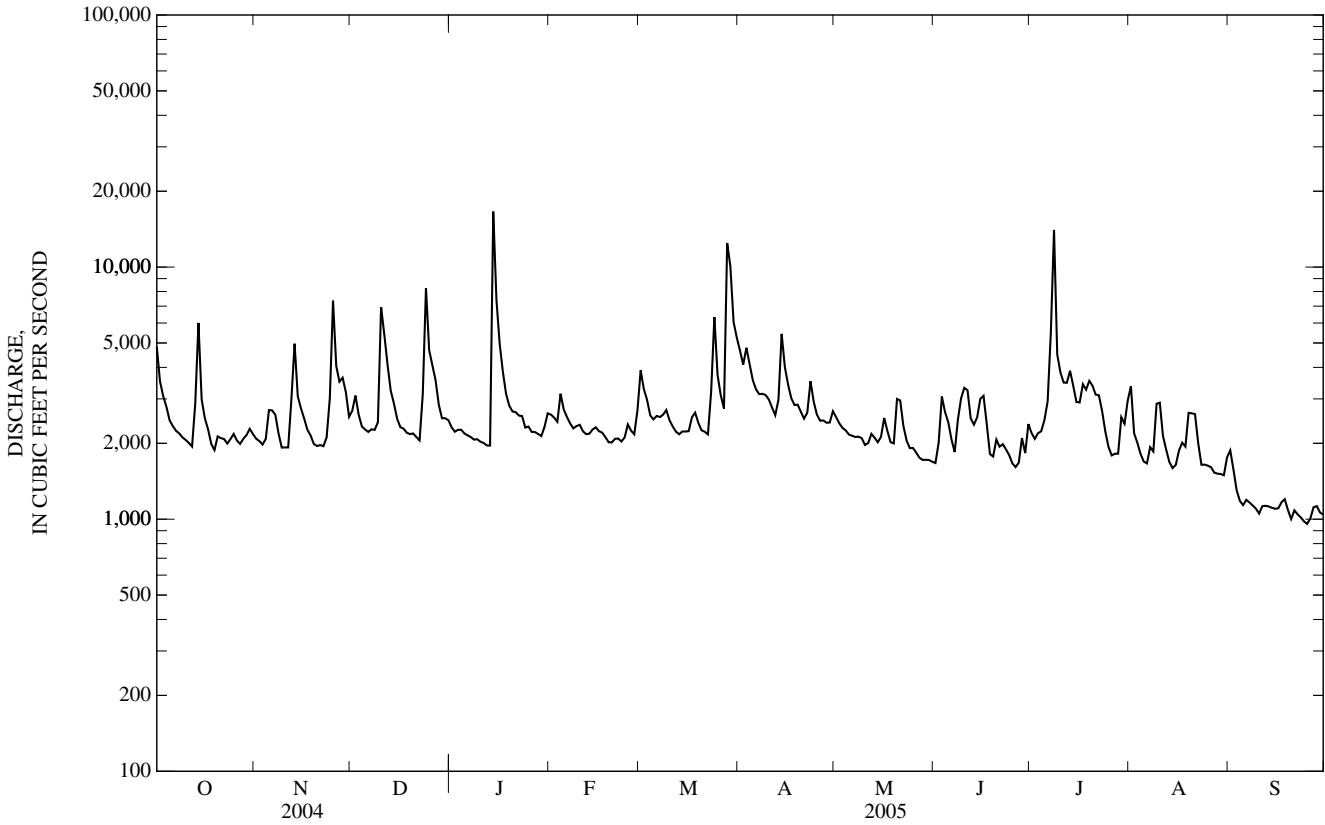
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 1,966 | 2,030 | 2,293 | 2,715 | 2,893 | 3,465 | 3,306 | 2,717 | 2,454 | 1,963 | 1,978 | 1,830 |
| MAX | 5,371 | 5,128 | 4,814 | 5,725 | 5,645 | 7,862 | 7,337 | 4,989 | 5,435 | 4,419 | 5,611 | 5,810 |
| (WY) | (1991) | (1978) | (1974) | (1978) | (1990) | (1993) | (1980) | (1973) | (1972) | (2003) | (1970) | (1979) |
| MIN | 635 | 620 | 841 | 1,051 | 1,023 | 1,443 | 1,350 | 925 | 540 | 654 | 405 | 815 |
| (WY) | (2002) | (2002) | (2001) | (1981) | (2001) | (1981) | (2002) | (2002) | (2002) | (1986) | (2002) | (1988) |

02115360 YADKIN RIVER AT ENON, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1964 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 953,050 | | 952,749 | | | |
| ANNUAL MEAN | 2,604 | | 2,610 | | 2,463 | |
| HIGHEST ANNUAL MEAN | | | | | 3,605 1973 | |
| LOWEST ANNUAL MEAN | | | | | 952 2002 | |
| HIGHEST DAILY MEAN | 24,600 | Sep 28 | 16,600 | Jan 14 | 48,400 | Sep 22, 1979 |
| LOWEST DAILY MEAN | 1,160 | Aug 9 | 958 | Sep 25 | 264 | Sep 14, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 1,230 | Aug 5 | 1,010 | Sep 20 | 303 | Aug 9, 2002 |
| MAXIMUM PEAK FLOW | | | 28,900 | Jan 14 | 73,300 | Jun 21, 1972 |
| MAXIMUM PEAK STAGE | | | 20.95 | Jan 14 | 29.52 | Sep 22, 1979 |
| INSTANTANEOUS LOW FLOW | | | 951* | Sep 25 | 247 | Sep 14, 2002 |
| 10 PERCENT EXCEEDS | 3,720 | | 3,550 | | 4,140 | |
| 50 PERCENT EXCEEDS | 2,150 | | 2,260 | | 1,900 | |
| 90 PERCENT EXCEEDS | 1,480 | | 1,620 | | 990 | |

* See REMARKS.
e Estimated.



02115360 YADKIN RIVER AT ENON, NC—Continued

PRECIPITATION RECORDS

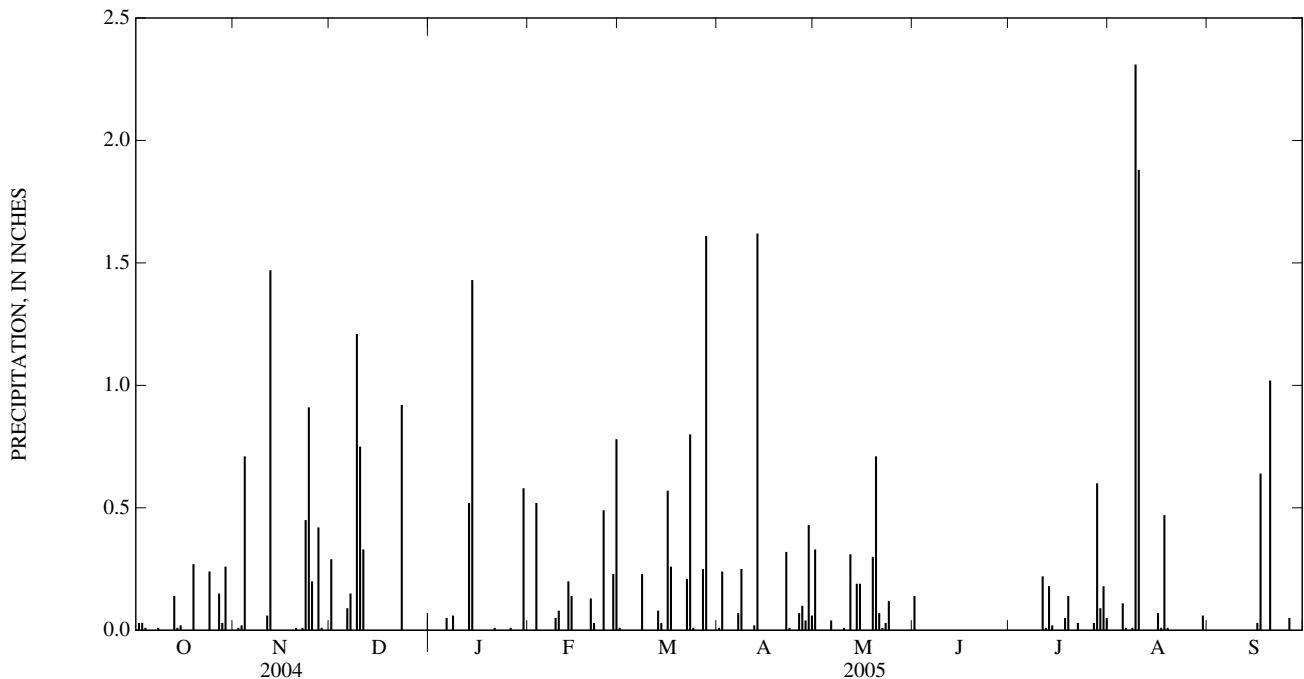
PERIOD OF RECORD.--October 2000 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.29 | 0.00 | 0.00 | 0.01 | 0.01 | 0.33 | 0.14 | --- | 0.00 | 0.00 |
| 2 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | --- | --- | 0.00 | 0.00 |
| 3 | 0.03 | 0.02 | 0.00 | 0.00 | 0.52 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 |
| 4 | 0.01 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | 0.11 | 0.00 |
| 6 | 0.00 | 0.00 | 0.09 | 0.05 | 0.00 | 0.00 | 0.00 | 0.04 | --- | --- | 0.01 | 0.00 |
| 7 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | --- | --- | 0.00 | 0.00 |
| 8 | 0.01 | 0.00 | 0.00 | 0.06 | 0.00 | 0.23 | 0.25 | 0.00 | --- | --- | 0.01 | 0.00 |
| 9 | 0.00 | 0.00 | 1.21 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 2.31 | 0.00 |
| 10 | 0.00 | 0.00 | 0.75 | 0.00 | 0.08 | 0.00 | 0.00 | 0.01 | --- | 0.00 | 1.88 | 0.00 |
| 11 | 0.00 | 0.06 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.22 | 0.00 | 0.00 |
| 12 | 0.00 | 1.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.31 | --- | 0.01 | 0.00 | 0.00 |
| 13 | 0.14 | 0.00 | 0.00 | 0.52 | 0.20 | 0.08 | 1.62 | 0.00 | --- | 0.18 | 0.00 | 0.00 |
| 14 | 0.01 | 0.00 | 0.00 | 1.43 | 0.14 | 0.03 | 0.00 | 0.19 | --- | 0.02 | 0.00 | 0.00 |
| 15 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | --- | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 | --- | 0.00 | 0.07 | 0.03 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.00 | 0.00 | --- | 0.00 | 0.01 | 0.64 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.05 | 0.47 | 0.00 |
| 19 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | --- | 0.14 | 0.01 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.71 | --- | 0.00 | 0.00 | 1.02 |
| 21 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.00 | 0.00 | 0.07 | --- | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.21 | 0.32 | 0.01 | --- | 0.03 | 0.00 | 0.00 |
| 23 | 0.00 | 0.45 | 0.92 | 0.00 | 0.00 | 0.80 | 0.01 | 0.03 | --- | 0.00 | 0.00 | 0.00 |
| 24 | 0.24 | 0.91 | 0.00 | 0.00 | 0.49 | 0.01 | 0.00 | 0.12 | --- | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.07 | 0.00 | --- | 0.00 | 0.00 | 0.05 |
| 27 | 0.15 | 0.42 | 0.00 | 0.00 | 0.23 | 0.25 | 0.10 | 0.00 | --- | 0.03 | 0.00 | 0.00 |
| 28 | 0.03 | 0.01 | 0.00 | 0.00 | 0.78 | 1.61 | 0.04 | 0.00 | --- | 0.60 | 0.00 | 0.00 |
| 29 | 0.26 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.43 | 0.00 | --- | 0.09 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.58 | --- | 0.00 | 0.06 | 0.00 | --- | 0.18 | 0.06 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.05 | 0.00 | --- |
| TOTAL | 1.20 | 4.28 | 3.74 | 2.66 | 2.65 | 4.06 | 3.24 | 2.31 | --- | --- | 4.94 | 1.74 |



02116500 YADKIN RIVER AT YADKIN COLLEGE, NC

LOCATION.--Lat 35°51'24", long 80°23'13", North American Datum of 1983, Davie County, Hydrologic Unit 03040101, on right bank on downstream side of bridge on U.S. Highway 64, 1.5 mi south of Yadkin College, 6.2 mi downstream of Reedy Creek, and 295 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--2,280 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1928 to current year.

REVISED RECORDS.--WSP 822: Drainage area. WSP 852: 1935-37(m).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 638.45 ft above NGVD of 1929. Prior to July 26, 1957, at site on left bank 100 ft downstream at same datum. July 27, 1957, to Sept. 19, 1984, at site 20 ft downstream on bridge pier near left bank, at same datum. U.S. Army Corps of Engineers satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Diurnal fluctuation and occasional regulation during low flow caused by small hydroelectric plant 10 mi upstream with little storage capacity. Since August 1962, some regulation by W. Kerr Scott Reservoir (station 02111391). Prior to regulation, maximum discharge: 80,200 ft³/s, Aug. 15, 1940; gage height: 33.75 ft; minimum observed discharge: 177 ft³/s, Oct. 12, 1954; gage height: -0.42 ft. Minimum discharge for period of record, result of regulation.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of July 1916, reached a stage of 36.3 ft, from floodmarks; discharge, 94,300 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|--------|--------|---------|---------|--------|---------|---------|--------|--------|---------|--------|--------|
| 1 | 6,580 | 2,250 | 2,820 | 2,720 | 2,970 | 4,950 | 5,270 | 3,320 | 2,000 | 2,420 | 4,100 | 2,010 |
| 2 | 3,990 | 2,200 | 3,430 | 2,590 | 2,980 | 3,920 | 4,410 | 2,900 | 2,270 | 2,350 | 2,590 | 1,750 |
| 3 | 3,650 | 2,180 | 3,070 | 2,580 | 2,950 | 3,470 | 5,100 | 2,680 | 3,170 | 2,240 | 2,250 | 1,460 |
| 4 | 3,100 | 2,570 | 2,710 | 2,610 | 3,700 | 3,100 | 4,570 | 2,600 | 3,080 | 2,500 | 2,050 | 1,370 |
| 5 | 2,790 | 2,810 | 2,600 | 2,560 | 3,300 | 2,840 | 3,940 | 2,540 | 2,740 | 2,750 | 1,920 | 1,280 |
| 6 | 2,540 | 2,800 | 2,550 | 2,500 | 3,010 | 2,860 | 3,570 | 2,530 | 2,490 | 3,270 | 1,970 | 1,300 |
| 7 | 2,450 | 2,800 | 2,600 | 2,500 | 2,860 | 2,860 | 3,480 | 2,490 | 2,320 | 2,800 | 1,990 | 1,320 |
| 8 | 2,380 | 2,470 | 2,610 | 2,440 | 2,710 | 2,970 | 3,440 | 2,450 | 2,660 | 19,100 | 2,060 | 1,270 |
| 9 | 2,310 | 2,180 | 3,030 | 2,440 | 2,680 | 3,060 | 3,470 | 2,440 | 3,000 | 8,030 | 5,350 | 1,250 |
| 10 | 2,270 | 2,110 | 11,200 | 2,400 | 2,770 | 2,880 | 3,310 | 2,380 | 3,590 | 4,470 | 5,460 | 1,200 |
| 11 | 2,200 | 2,100 | 8,380 | 2,380 | 2,640 | 2,720 | 3,210 | 2,290 | 3,650 | 3,800 | 2,890 | 1,210 |
| 12 | 2,160 | 2,810 | 5,710 | 2,330 | 2,550 | 2,620 | 2,920 | 2,420 | 2,940 | 3,640 | 2,290 | 1,250 |
| 13 | 2,270 | 6,450 | 4,020 | 2,340 | 2,520 | 2,540 | 3,070 | 2,570 | 2,610 | 3,640 | 2,040 | 1,250 |
| 14 | 5,690 | 3,880 | 3,410 | 10,100 | 2,620 | 2,560 | 6,300 | 2,390 | 2,830 | 4,040 | 1,890 | 1,230 |
| 15 | 3,700 | 3,130 | 3,080 | 16,000 | 2,720 | 2,600 | 5,040 | 2,410 | 2,860 | 3,720 | 1,810 | 1,220 |
| 16 | 2,680 | 2,930 | 2,760 | 6,130 | 2,620 | 2,600 | 3,910 | 2,640 | 3,200 | 3,020 | 1,900 | 1,220 |
| 17 | 2,470 | 2,590 | 2,680 | 4,520 | 2,570 | 3,050 | 3,540 | 2,680 | 2,800 | 3,370 | 2,060 | 1,280 |
| 18 | 2,270 | 2,540 | 2,640 | 3,650 | 2,500 | 3,240 | 3,130 | 2,360 | 2,150 | 3,370 | 2,400 | 1,380 |
| 19 | 2,060 | 2,390 | 2,540 | 3,230 | 2,400 | 2,940 | 3,220 | 2,280 | 2,020 | 3,400 | 2,490 | 1,270 |
| 20 | 2,210 | 2,260 | 2,550 | 3,030 | 2,360 | 2,720 | 3,060 | 2,930 | 2,200 | 3,690 | 2,740 | 1,170 |
| 21 | 2,250 | 2,300 | 2,510 | 2,990 | 2,430 | 2,630 | 2,900 | 3,370 | 2,210 | 3,330 | 2,640 | 1,280 |
| 22 | 2,250 | 2,270 | 2,450 | 2,950 | 2,470 | 2,600 | 2,850 | 2,840 | 2,120 | 3,130 | 2,420 | 1,270 |
| 23 | 2,160 | 2,310 | 2,680 | 2,900 | 2,400 | 3,110 | 3,470 | 2,490 | 2,120 | 2,920 | 1,840 | 1,180 |
| 24 | 2,200 | 2,870 | 8,350 | 2,740 | 2,550 | 7,420 | 3,490 | 2,290 | 1,990 | 2,540 | 1,770 | 1,150 |
| 25 | 2,320 | 7,550 | 5,410 | 2,660 | 2,760 | 4,680 | 2,990 | 2,260 | 1,930 | 2,140 | 1,770 | 1,100 |
| 26 | 2,240 | 5,450 | 4,410 | 2,630 | 2,670 | 3,770 | 2,830 | 2,190 | 1,800 | 1,980 | 1,750 | 1,110 |
| 27 | 2,160 | 3,750 | 3,990 | 2,580 | 2,550 | 3,260 | 2,760 | 2,130 | 1,790 | 1,950 | 1,710 | 1,220 |
| 28 | 2,190 | 4,100 | 3,350 | 2,530 | 3,510 | 8,940 | 2,770 | 2,050 | 2,240 | 2,010 | 1,650 | 1,270 |
| 29 | 2,320 | 3,740 | 2,870 | 2,520 | --- | 19,200 | 2,760 | 2,040 | 2,260 | 2,830 | 1,640 | 1,220 |
| 30 | 2,350 | 3,140 | 2,860 | 2,710 | --- | 7,770 | 2,970 | 2,050 | 2,280 | 2,760 | 1,640 | 1,160 |
| 31 | 2,370 | --- | 2,810 | 3,100 | --- | 6,030 | --- | 2,020 | --- | 3,110 | 1,710 | --- |
| TOTAL | 84,580 | 92,930 | 116,080 | 109,360 | 76,770 | 129,910 | 107,750 | 77,030 | 75,320 | 114,320 | 72,790 | 38,650 |
| MEAN | 2,728 | 3,098 | 3,745 | 3,528 | 2,742 | 4,191 | 3,592 | 2,485 | 2,511 | 3,688 | 2,348 | 1,288 |
| MAX | 6,580 | 7,550 | 11,200 | 16,000 | 3,700 | 19,200 | 6,300 | 3,370 | 3,650 | 19,100 | 5,460 | 2,010 |
| MIN | 2,060 | 2,100 | 2,450 | 2,330 | 2,360 | 2,540 | 2,760 | 2,020 | 1,790 | 1,950 | 1,640 | 1,100 |

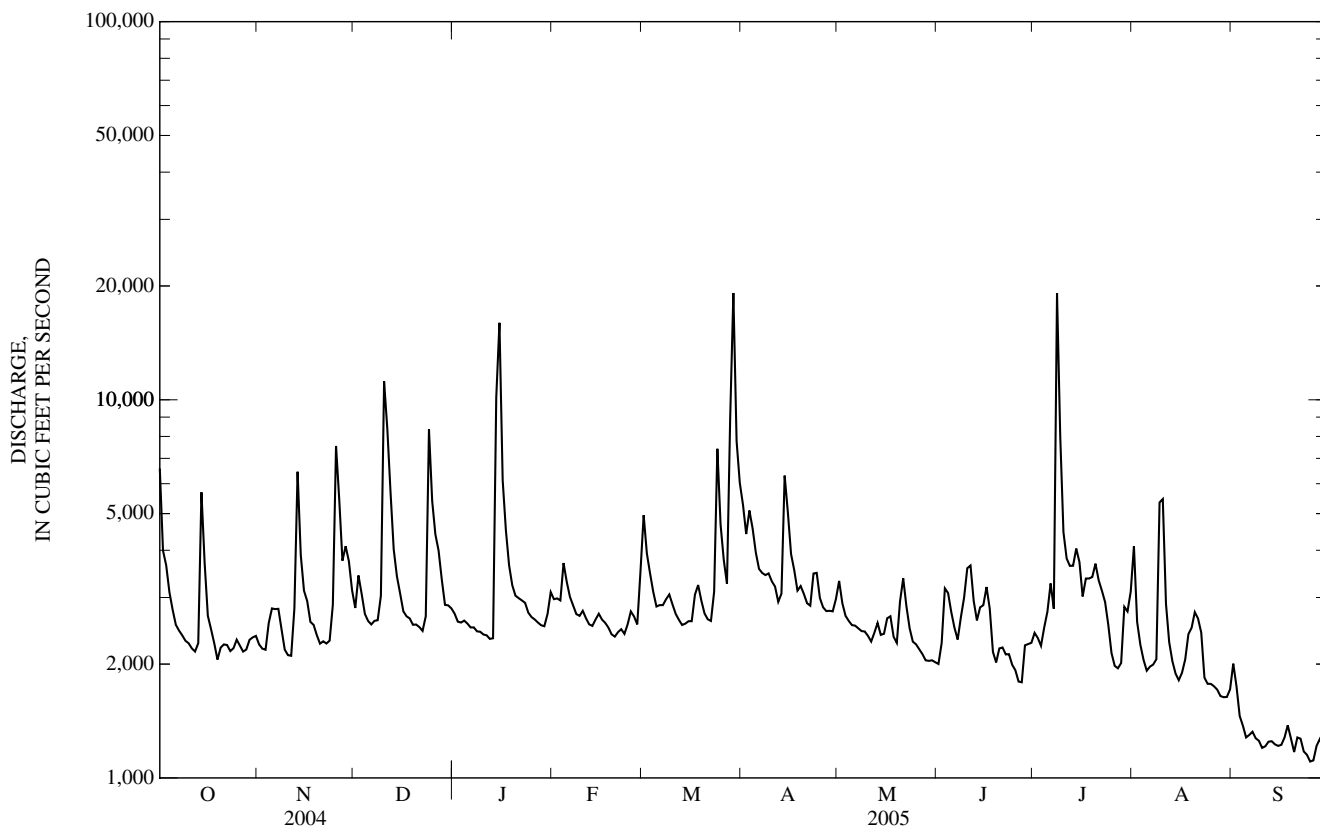
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2005,* BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 2,414 | 2,478 | 2,888 | 3,453 | 3,691 | 4,499 | 4,034 | 3,303 | 2,923 | 2,353 | 2,316 | 2,169 |
| MAX | 7,491 | 5,844 | 5,784 | 7,580 | 7,632 | 10,380 | 9,419 | 6,277 | 7,755 | 5,158 | 7,191 | 7,314 |
| (WY) | (1991) | (1993) | (1974) | (1978) | (1990) | (1975) | (1987) | (1984) | (1972) | (2003) | (1970) | (1979) |
| MIN | 747 | 792 | 1,160 | 1,354 | 1,444 | 1,798 | 1,519 | 1,053 | 581 | 749 | 445 | 867 |
| (WY) | (2002) | (2002) | (2001) | (1981) | (2001) | (1981) | (2002) | (2002) | (2002) | (1986) | (2002) | (2001) |

02116500 YADKIN RIVER AT YADKIN COLLEGE, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1963 - 2005* | |
|--------------------------|------------------------|--------|---------------------|--------|--------------------------|--------------|
| ANNUAL TOTAL | 1,108,500 | | 1,095,490 | | 3,019 | |
| ANNUAL MEAN | 3,029 | | 3,001 | | 4,524 | |
| HIGHEST ANNUAL MEAN | | | | | 1,116 | |
| LOWEST ANNUAL MEAN | | | | | 66,000 | |
| HIGHEST DAILY MEAN | 31,600 | Sep 29 | 19,200 | Mar 29 | 261 | Jun 22, 1972 |
| LOWEST DAILY MEAN | 1,240 | Aug 11 | 1,100 | Sep 25 | 236 | Aug 12, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 1,360 | Aug 5 | 1,180 | Sep 24 | 261 | Aug 9, 2002 |
| MAXIMUM PEAK FLOW | | | 23,100 | Mar 29 | 75,200* | Jun 22, 1972 |
| MAXIMUM PEAK STAGE | | | 17.10 | Mar 29 | 32.81* | Jun 22, 1972 |
| INSTANTANEOUS LOW FLOW | | | 1,060 | Sep 25 | 110* | Aug 28, 1988 |
| 10 PERCENT EXCEEDS | 4,200 | | 4,030 | | 5,180 | |
| 50 PERCENT EXCEEDS | 2,440 | | 2,620 | | 2,270 | |
| 90 PERCENT EXCEEDS | 1,700 | | 1,770 | | 1,200 | |

* Regulated period only (1963-2005). See REMARKS.



PRECIPITATION RECORDS

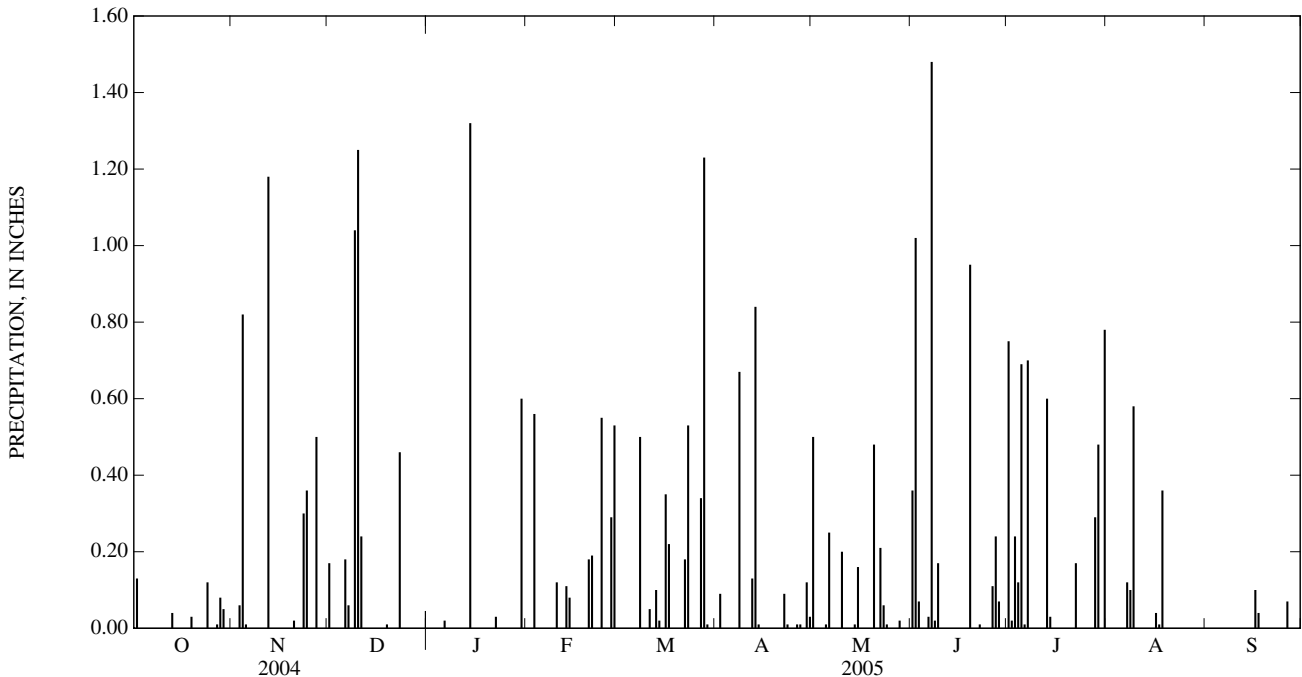
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.36 | 0.75 | 0.00 | 0.00 |
| 2 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 1.02 | 0.02 | 0.00 | 0.00 |
| 3 | 0.00 | 0.06 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0.07 | 0.24 | 0.00 | 0.00 |
| 4 | 0.00 | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 |
| 5 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.69 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.18 | 0.02 | 0.00 | 0.00 | 0.00 | 0.25 | 0.03 | 0.01 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.48 | 0.70 | 0.12 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.67 | 0.00 | 0.02 | 0.00 | 0.10 | 0.00 |
| 9 | 0.00 | 0.00 | 1.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.58 | 0.00 |
| 10 | 0.00 | 0.00 | 1.25 | 0.00 | 0.12 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 1.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.04 | 0.00 | 0.00 | 0.00 | 0.11 | 0.10 | 0.84 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.32 | 0.08 | 0.02 | 0.01 | 0.01 | 0.00 | 0.03 | 0.00 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.10 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.36 | 0.00 |
| 19 | 0.03 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.02 | 0.00 | 0.00 | 0.18 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.18 | 0.09 | 0.21 | 0.01 | 0.17 | 0.00 | 0.00 |
| 23 | 0.00 | 0.30 | 0.46 | 0.00 | 0.00 | 0.53 | 0.01 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.12 | 0.36 | 0.00 | 0.00 | 0.55 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.11 | 0.00 | 0.00 | 0.07 |
| 27 | 0.01 | 0.50 | 0.00 | 0.00 | 0.29 | 0.34 | 0.01 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 |
| 28 | 0.08 | 0.00 | 0.00 | 0.00 | 0.53 | 1.23 | 0.00 | 0.02 | 0.07 | 0.29 | 0.00 | 0.00 |
| 29 | 0.05 | 0.00 | 0.00 | 0.00 | --- | 0.01 | 0.12 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.60 | --- | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.78 | 0.00 | --- |
| TOTAL | 0.46 | 3.25 | 3.41 | 1.97 | 2.61 | 3.53 | 2.01 | 1.91 | 4.53 | 4.88 | 1.21 | 0.21 |

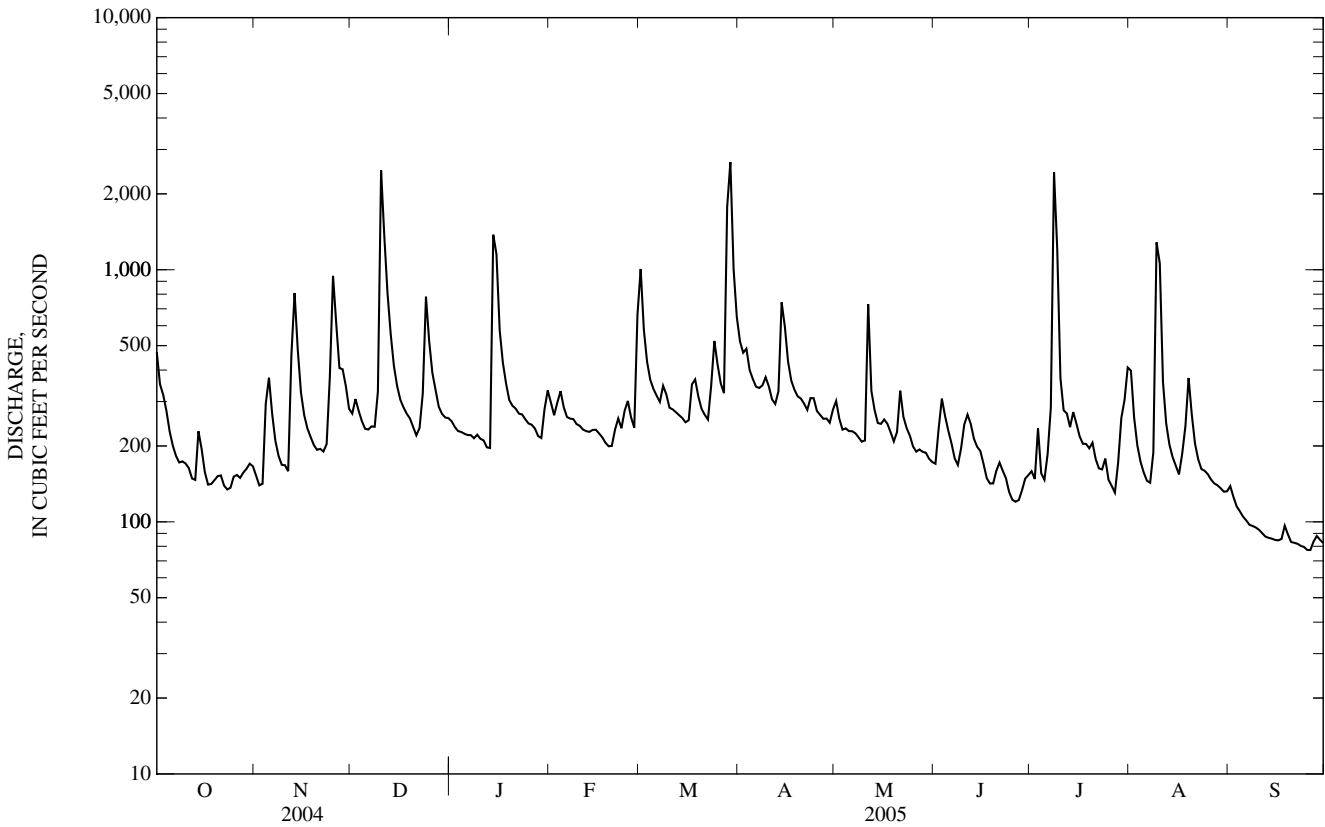


02118000 SOUTH YADKIN RIVER NEAR MOCKSVILLE, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1939 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 108,951 | | 106,846 | | | |
| ANNUAL MEAN | 298 | | 293 | | 339 | |
| HIGHEST ANNUAL MEAN | | | | | 592 | 1960 |
| LOWEST ANNUAL MEAN | | | | | 87.0 | 2002 |
| HIGHEST DAILY MEAN | 4,920 | Sep 29 | 2,670 | Mar 29 | 11,800 | Mar 21, 2003 |
| LOWEST DAILY MEAN | 70 | Sep 6 | 77 | Sep 25 | 3.0 | Aug 13, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 83 | Aug 5 | 80 | Sep 20 | 3.3 | Aug 9, 2002 |
| MAXIMUM PEAK FLOW | | | 2,900 | Mar 29 | 14,900 | Mar 21, 2003 |
| MAXIMUM PEAK STAGE | | | 10.03 | Mar 29 | 20.28 | Mar 21, 2003 |
| INSTANTANEOUS LOW FLOW | | | 76* | Sep 24 | 2.8* | Aug 14, 2002 |
| ANNUAL RUNOFF (CFSM) | 0.973 | | 0.957 | | 1.11 | |
| ANNUAL RUNOFF (INCHES) | 13.25 | | 12.99 | | 15.04 | |
| 10 PERCENT EXCEEDS | 430 | | 424 | | 581 | |
| 50 PERCENT EXCEEDS | 220 | | 235 | | 235 | |
| 90 PERCENT EXCEEDS | 109 | | 133 | | 112 | |

* See REMARKS.

e Estimated.



02118000 SOUTH YADKIN RIVER NEAR MOCKSVILLE, NC—Continued

PRECIPITATION RECORDS

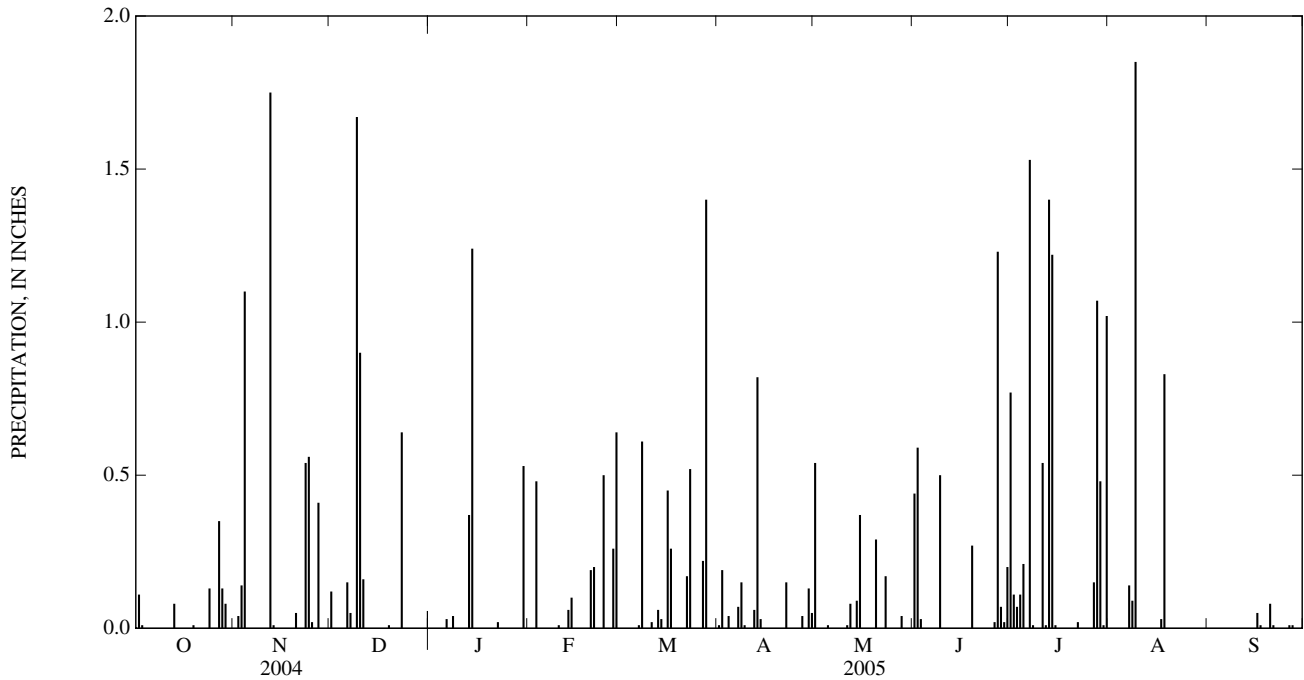
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.01 | 0.54 | 0.44 | 0.77 | 0.00 | --- |
| 2 | 0.11 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.59 | 0.11 | 0.00 | 0.00 |
| 3 | 0.01 | 0.14 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.00 | 0.00 |
| 4 | 0.00 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.11 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.21 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.15 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.01 | 0.07 | --- | 0.00 | 1.53 | 0.14 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.61 | 0.15 | --- | 0.00 | 0.01 | 0.09 | 0.00 |
| 9 | 0.00 | 0.00 | 1.67 | 0.00 | 0.00 | 0.00 | 0.01 | --- | 0.50 | 0.00 | 1.85 | 0.00 |
| 10 | 0.00 | 0.00 | 0.90 | 0.00 | 0.01 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.54 | --- | 0.00 |
| 12 | 0.00 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.08 | 0.00 | 0.01 | --- | 0.00 |
| 13 | 0.08 | 0.01 | 0.00 | 0.37 | 0.06 | 0.06 | 0.82 | 0.00 | 0.00 | 1.40 | --- | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.24 | 0.10 | 0.03 | 0.03 | 0.09 | 0.00 | 1.22 | --- | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 | 0.01 | --- | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.05 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.01 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.83 | --- |
| 19 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.27 | 0.00 | 0.00 | --- |
| 20 | 0.00 | 0.05 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.29 | 0.00 | --- | 0.00 | 0.08 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | --- | --- | 0.01 |
| 22 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.17 | 0.15 | 0.00 | 0.00 | 0.02 | --- | 0.00 |
| 23 | 0.00 | 0.54 | 0.64 | 0.00 | 0.00 | 0.52 | 0.00 | 0.17 | 0.00 | 0.00 | --- | 0.00 |
| 24 | 0.13 | 0.56 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 |
| 25 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | --- | 0.01 |
| 27 | 0.35 | 0.41 | 0.00 | 0.00 | 0.26 | 0.22 | 0.04 | 0.00 | 1.23 | 0.15 | --- | 0.01 |
| 28 | 0.13 | 0.00 | 0.00 | 0.00 | 0.64 | 1.40 | 0.00 | 0.04 | 0.07 | 1.07 | --- | 0.00 |
| 29 | 0.08 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.13 | --- | 0.02 | 0.48 | --- | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.53 | --- | 0.00 | 0.05 | --- | 0.20 | 0.01 | --- | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 1.02 | --- | --- |
| TOTAL | 0.90 | 4.62 | 3.70 | 2.23 | 2.44 | 3.75 | 1.75 | --- | 3.37 | --- | --- | --- |

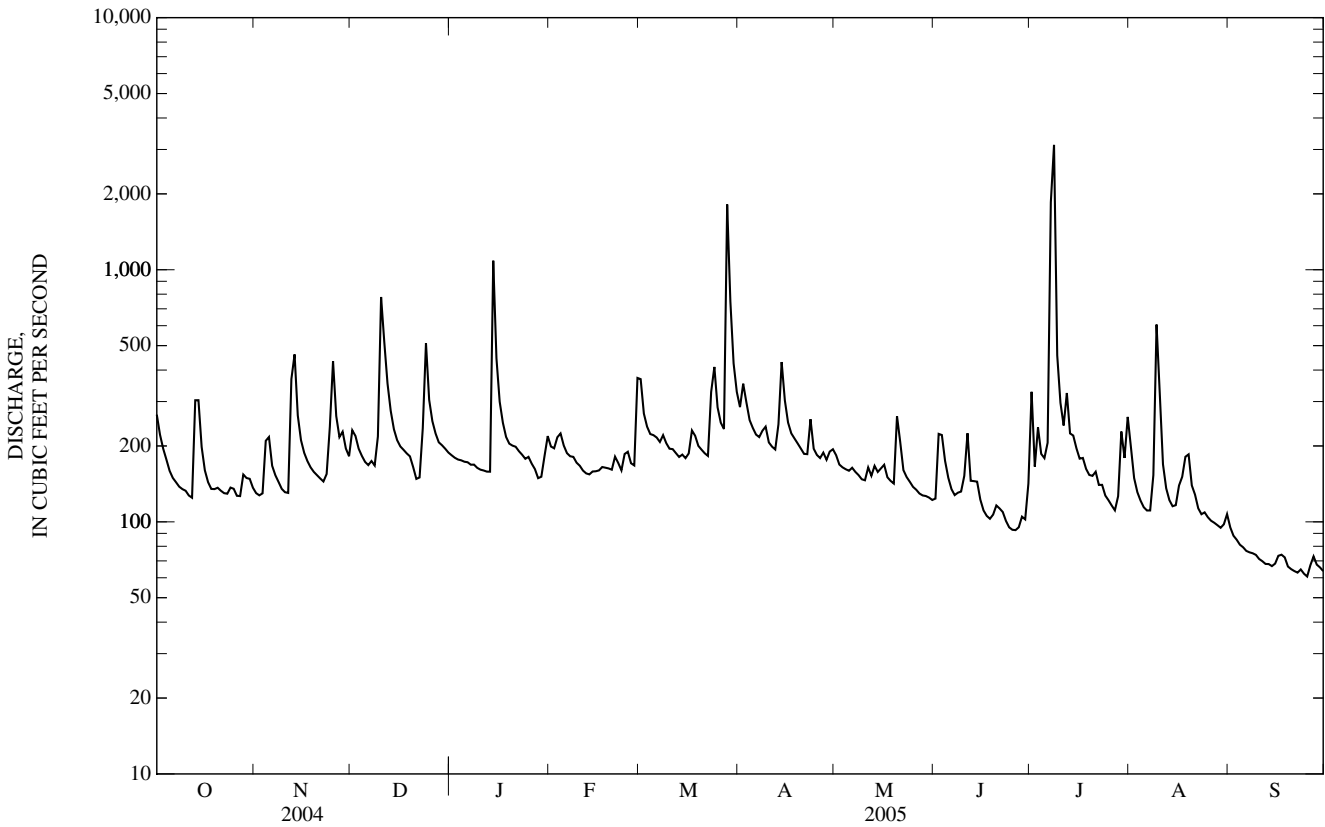


02118500 HUNTING CREEK NEAR HARMONY, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1951 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 70,343 | | 73,427 | | 203 | |
| ANNUAL MEAN | 192 | | 201 | | 61.7 | |
| HIGHEST ANNUAL MEAN | | | | | 346 | 1960 |
| LOWEST ANNUAL MEAN | | | | | 61.7 | 2002 |
| HIGHEST DAILY MEAN | 4,530 | Sep 28 | 3,130 | Jul 8 | 10,400 | Sep 22, 1979 |
| LOWEST DAILY MEAN | 54 | Sep 6 | 61 | Sep 25 | 5.4 | Sep 13, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 62 | Aug 31 | 64 | Sep 19 | 7.0 | Aug 8, 2002 |
| MAXIMUM PEAK FLOW | | | 8,210 | Jul 8 | 14,800 | Sep 22, 1979 |
| MAXIMUM PEAK STAGE | | | 19.27 | Jul 8 | 25.05* | Sep 22, 1979 |
| INSTANTANEOUS LOW FLOW | | | 59* | Sep 24 | 5.0* | Sep 13, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.24 | | 1.30 | | 1.31 | |
| ANNUAL RUNOFF (INCHES) | 16.88 | | 17.62 | | 17.76 | |
| 10 PERCENT EXCEEDS | 246 | | 272 | | 332 | |
| 50 PERCENT EXCEEDS | 153 | | 167 | | 142 | |
| 90 PERCENT EXCEEDS | 82 | | 98 | | 68 | |

* See REMARKS.

e Estimated.



PRECIPITATION RECORDS

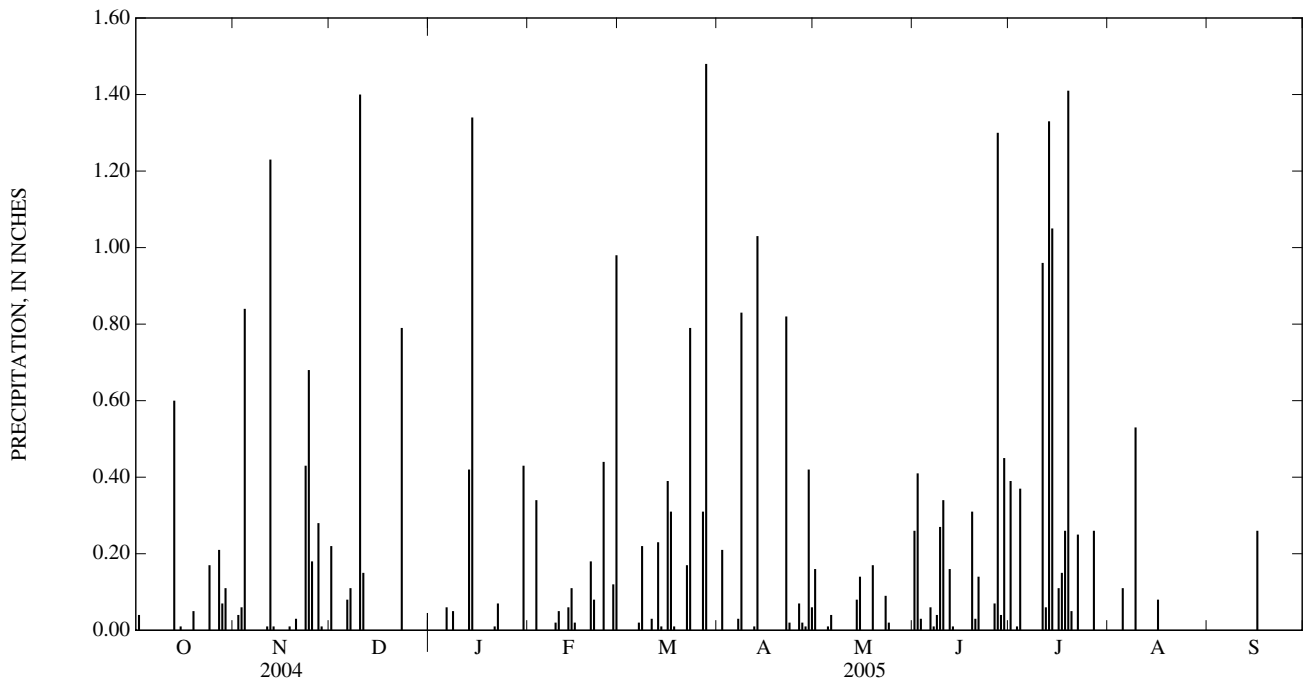
PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.26 | 0.39 | 0.00 | 0.00 |
| 2 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.41 | --- | 0.00 | 0.00 |
| 3 | 0.00 | 0.06 | 0.00 | 0.00 | 0.34 | 0.00 | 0.00 | 0.00 | 0.03 | 0.01 | 0.00 | 0.00 |
| 4 | 0.00 | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | --- | 0.11 | 0.00 |
| 6 | 0.00 | 0.00 | 0.08 | 0.06 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.11 | 0.00 | 0.00 | 0.02 | 0.03 | 0.00 | 0.01 | --- | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.22 | 0.83 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | --- | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.27 | 0.00 | 0.53 | 0.00 |
| 10 | 0.00 | 0.00 | 1.40 | 0.00 | 0.05 | 0.00 | 0.00 | --- | 0.34 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.01 | 0.15 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.96 | 0.00 | 0.00 |
| 12 | 0.00 | 1.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | --- | 0.16 | 0.06 | 0.00 | 0.00 |
| 13 | 0.60 | 0.01 | 0.00 | 0.42 | 0.06 | 0.23 | 1.03 | 0.00 | 0.01 | 1.33 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.34 | 0.11 | 0.01 | 0.00 | 0.08 | 0.00 | 1.05 | 0.00 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.00 | 0.00 | 0.00 | 0.11 | 0.08 | 0.26 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 |
| 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.26 | 0.00 | 0.00 |
| 19 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.31 | 1.41 | 0.00 | 0.00 |
| 20 | 0.00 | 0.03 | 0.00 | 0.00 | 0.18 | 0.00 | 0.00 | --- | 0.03 | 0.05 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.01 | 0.08 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.17 | 0.82 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 |
| 23 | 0.00 | 0.43 | 0.79 | 0.00 | 0.00 | 0.79 | 0.02 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.17 | 0.68 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 |
| 27 | 0.21 | 0.28 | 0.00 | 0.00 | 0.12 | 0.31 | 0.02 | 0.00 | 1.30 | 0.26 | 0.00 | 0.00 |
| 28 | 0.07 | 0.01 | 0.00 | 0.00 | 0.98 | 1.48 | 0.01 | 0.00 | 0.04 | --- | 0.00 | 0.00 |
| 29 | 0.11 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.42 | 0.00 | 0.45 | 0.00 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.43 | --- | 0.00 | 0.06 | 0.00 | --- | 0.00 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.00 | 0.00 | --- |
| TOTAL | 1.26 | 3.81 | --- | 2.38 | 2.40 | 3.97 | 3.53 | --- | --- | --- | 0.72 | 0.26 |

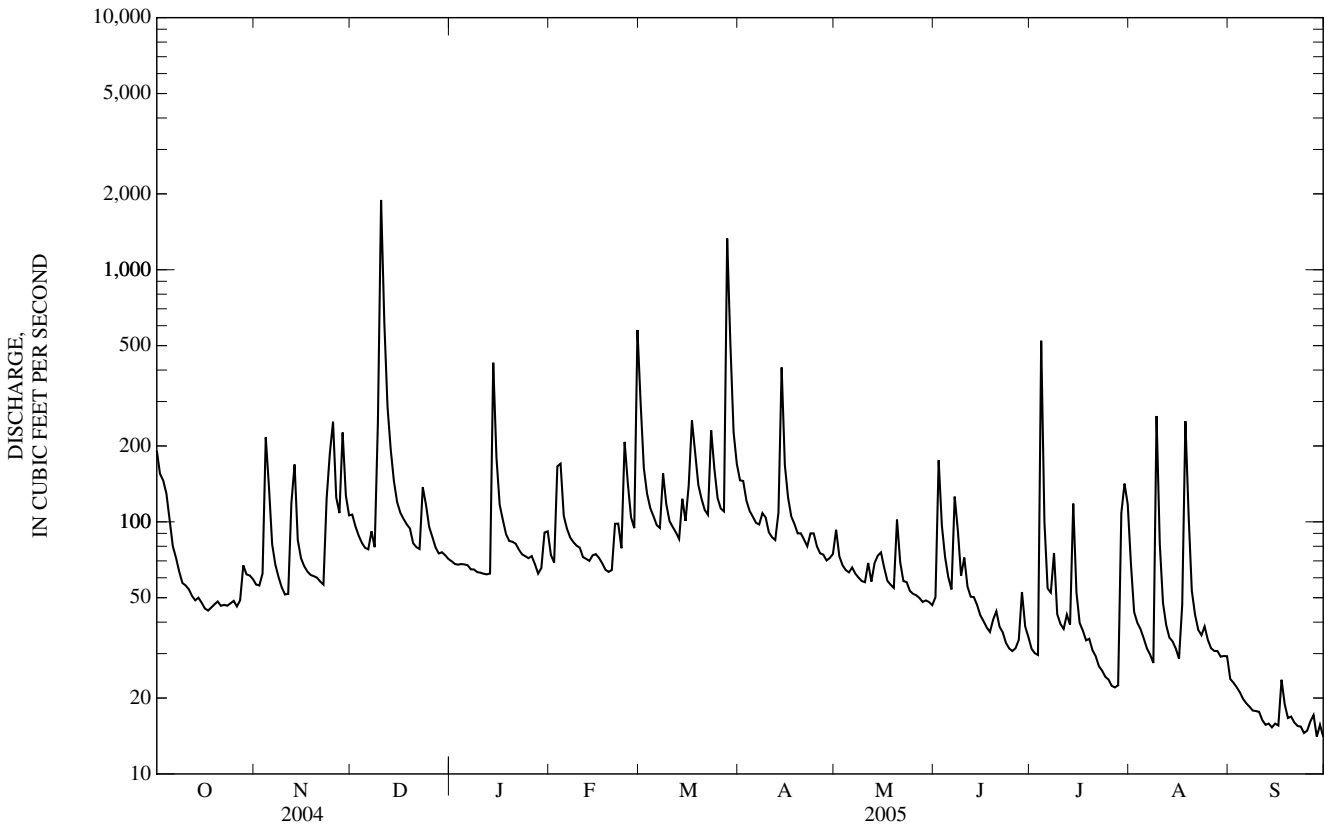


02120780 SECOND CREEK NEAR BARBER, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1979 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 36,477 | | 33,678 | | 103 | |
| ANNUAL MEAN | 99.7 | | 92.3 | | 216 | |
| HIGHEST ANNUAL MEAN | | | | | 21.0 | 2003 |
| LOWEST ANNUAL MEAN | | | | | 21.0 | 2002 |
| HIGHEST DAILY MEAN | 3,410 | Sep 28 | 1,890 | Dec 10 | 5,280 | Aug 28, 1995 |
| LOWEST DAILY MEAN | 15 | Aug 11 | 14 | Sep 28 | 1.1 | Sep 12, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 17 | Aug 5 | 15 | Sep 24 | 1.2 | Sep 8, 2002 |
| MAXIMUM PEAK FLOW | | | 2,320 | Dec 10 | 8,560 | Aug 28, 1995 |
| MAXIMUM PEAK STAGE | | | 12.63 | Dec 10 | 17.28 | Aug 28, 1995 |
| INSTANTANEOUS LOW FLOW | | | 11 | Sep 28 | 1.1* | Aug 10, 2002 |
| ANNUAL RUNOFF (CFSM) | 0.845 | | 0.782 | | 0.875 | |
| ANNUAL RUNOFF (INCHES) | 11.50 | | 10.62 | | 11.89 | |
| 10 PERCENT EXCEEDS | 137 | | 146 | | 165 | |
| 50 PERCENT EXCEEDS | 64 | | 68 | | 62 | |
| 90 PERCENT EXCEEDS | 25 | | 27 | | 18 | |

* See REMARKS.

e Estimated.



02120780 SECOND CREEK NEAR BARBER, NC—Continued

PRECIPITATION RECORDS

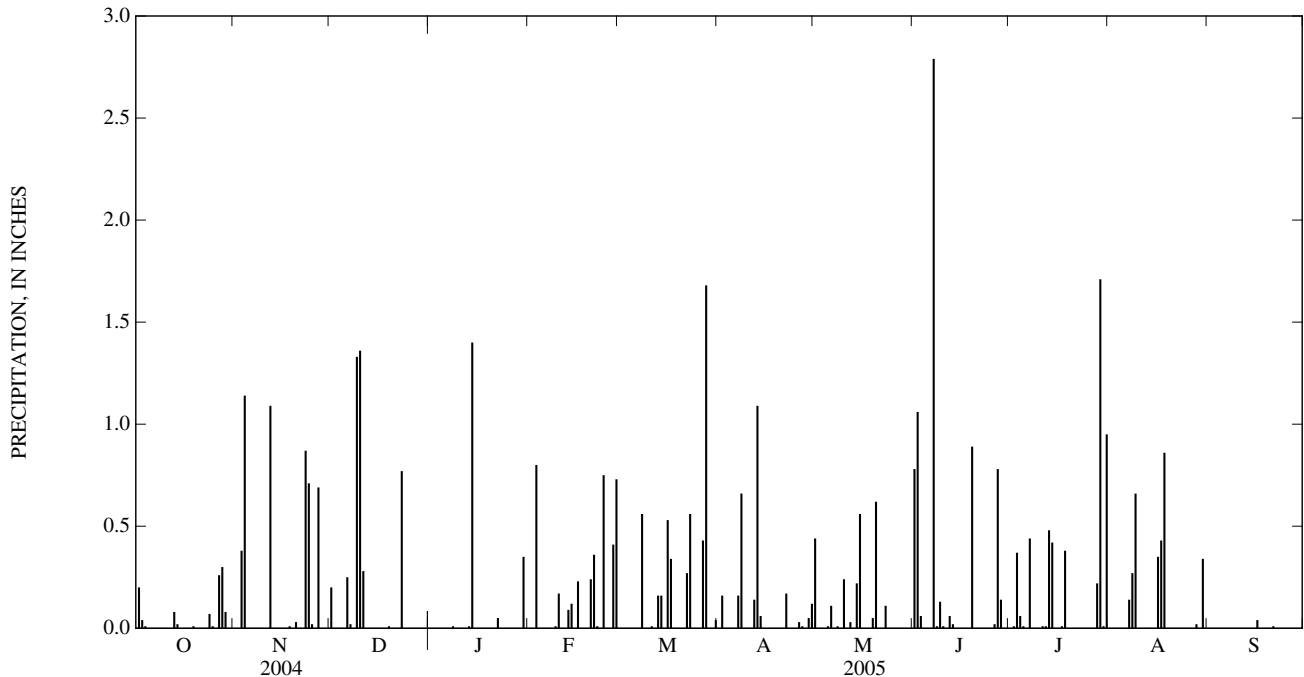
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.78 | 0.00 | 0.00 | 0.00 |
| 2 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 1.06 | 0.01 | 0.00 | 0.00 |
| 3 | 0.04 | 0.38 | 0.00 | 0.00 | 0.80 | 0.00 | 0.00 | 0.00 | 0.06 | 0.37 | 0.00 | 0.00 |
| 4 | 0.01 | 1.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 2.79 | 0.44 | 0.14 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.56 | 0.66 | 0.01 | 0.01 | 0.00 | 0.27 | 0.00 |
| 9 | 0.00 | 0.00 | 1.33 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.66 | 0.00 |
| 10 | 0.00 | 0.00 | 1.36 | 0.00 | 0.17 | 0.00 | 0.00 | 0.24 | 0.01 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 12 | 0.00 | 1.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.03 | 0.06 | 0.01 | 0.00 | 0.00 |
| 13 | 0.08 | 0.00 | 0.00 | 0.01 | 0.09 | 0.16 | 1.09 | 0.00 | 0.02 | 0.48 | 0.00 | 0.00 |
| 14 | 0.02 | 0.00 | 0.00 | 1.40 | 0.12 | 0.16 | 0.06 | 0.22 | 0.00 | 0.42 | 0.00 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | 0.04 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 0.00 | 0.00 | 0.00 | 0.01 | 0.43 | 0.00 |
| 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 0.86 | 0.00 |
| 19 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.89 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.03 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 22 | 0.00 | 0.00 | 0.00 | 0.05 | 0.01 | 0.27 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.87 | 0.77 | 0.00 | 0.00 | 0.56 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.07 | 0.71 | 0.00 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 27 | 0.26 | 0.69 | 0.00 | 0.00 | 0.41 | 0.43 | 0.01 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 |
| 28 | 0.30 | 0.00 | 0.00 | 0.00 | 0.73 | 1.68 | 0.00 | 0.00 | 0.14 | 0.22 | 0.02 | 0.00 |
| 29 | 0.08 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.05 | 0.00 | 0.00 | 1.71 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.35 | --- | 0.00 | 0.12 | 0.00 | 0.00 | 0.01 | 0.34 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.04 | --- | 0.00 | --- | 0.95 | 0.00 | --- |
| TOTAL | 1.08 | 4.94 | 4.22 | 1.82 | 3.92 | 4.74 | 2.65 | 2.40 | 6.75 | 5.09 | 3.07 | 0.05 |



02121500 ABBOTTS CREEK AT LEXINGTON, NC

LOCATION.--Lat 35°48'25", long 80°14'05", Davidson County, Hydrologic Unit 03040103, on right bank 150 ft upstream from bridge on Secondary Road 1243, 1.5 mi southeast of Lexington, and 4.5 mi downstream of Rich Fork Creek.

DRAINAGE AREA.--174 mi².

PERIOD OF RECORD.--March 1940 to December 1957. October 1988 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 618.26 ft above North American Vertical Datum of 1988, from levels. March 1940 to December 1957 at site 100 ft upstream at different datum. Satellite telemetry at station. Raingage located .5 mi upstream.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. The City of Lexington diverted an average of 5.3 ft³/s for water supply. The City of High Point diverted water from the Cape Fear River basin and discharged an average of 5.91 ft³/s of treated sewage effluent into Rich Fork Creek, upstream from station. Maximum discharge at former site, 14,800 ft³/s, from floodmark; minimum discharge at former site 0.4 ft³/s. Minimum discharge for period of record also occurred Sept. 5, 1990.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| 1 | 250 | 51 | 122 | 91 | 135 | 966 | 221 | 121 | 43 | 39 | 592 | 19 |
| 2 | 219 | 49 | 125 | 89 | 107 | 294 | 225 | 127 | 144 | 33 | 201 | 18 |
| 3 | 179 | 47 | 99 | 87 | 178 | 192 | 233 | 84 | 199 | 31 | 106 | 16 |
| 4 | 154 | 93 | 89 | 87 | 488 | 156 | 163 | 73 | 151 | 389 | 62 | 14 |
| 5 | 136 | 147 | 82 | 86 | 222 | 143 | 144 | 66 | 102 | 239 | 46 | 12 |
| 6 | 109 | 82 | 79 | 84 | 157 | 128 | 131 | 92 | 89 | 303 | 36 | 11 |
| 7 | 85 | 64 | 92 | 86 | 135 | 119 | 131 | 96 | 62 | 161 | 33 | 12 |
| 8 | 70 | 57 | 101 | 83 | 122 | 245 | 488 | 73 | 129 | 548 | 30 | 13 |
| 9 | 64 | 53 | 96 | 81 | 113 | 318 | 867 | 66 | 115 | 200 | 291 | 12 |
| 10 | 81 | 49 | 2,530 | 79 | 136 | 169 | 246 | 64 | 493 | 121 | 443 | 12 |
| 11 | 92 | 48 | 3,300 | 80 | 121 | 144 | 172 | 74 | 325 | 85 | 157 | 11 |
| 12 | 62 | 101 | 718 | 78 | 97 | 140 | 149 | 63 | 134 | 59 | 84 | 11 |
| 13 | 55 | 570 | 331 | 77 | 94 | 128 | 176 | 73 | 136 | 48 | 52 | 12 |
| 14 | 68 | 206 | 245 | 615 | 103 | 132 | 585 | 69 | 109 | 210 | 43 | 13 |
| 15 | 61 | 118 | 196 | 626 | 127 | 117 | 259 | 69 | 82 | 167 | 38 | 14 |
| 16 | 49 | 91 | 163 | 209 | 107 | 133 | 169 | 71 | 30 | 99 | 36 | 13 |
| 17 | 44 | 81 | 141 | 153 | 101 | 380 | 139 | 59 | 20 | 65 | 43 | 12 |
| 18 | 42 | 74 | 128 | 121 | 87 | 377 | 127 | 53 | 19 | 52 | 61 | 11 |
| 19 | 43 | 72 | 121 | 102 | 79 | 213 | 117 | 52 | 29 | 44 | 60 | 9.9 |
| 20 | 54 | 70 | 111 | 100 | 79 | 168 | 105 | 168 | 135 | 83 | 50 | 11 |
| 21 | 56 | 69 | 93 | 100 | 105 | 147 | 95 | 150 | 54 | 61 | 38 | 11 |
| 22 | 49 | 68 | 96 | 95 | 126 | 136 | 89 | 86 | 40 | 42 | 32 | 18 |
| 23 | 48 | 81 | 146 | 95 | 100 | 187 | 96 | 72 | 34 | 37 | 29 | 16 |
| 24 | 47 | 165 | 223 | e85 | 227 | 294 | 93 | 65 | 30 | 31 | 27 | 12 |
| 25 | 52 | 317 | 146 | 81 | 273 | 200 | 94 | 77 | 27 | 28 | 25 | 10 |
| 26 | 52 | 231 | 122 | 83 | 161 | 160 | 86 | 60 | 26 | 23 | 24 | 17 |
| 27 | 49 | 135 | 108 | 89 | 135 | 146 | 81 | 52 | 33 | 23 | 22 | 21 |
| 28 | 49 | 271 | 99 | 73 | 815 | 1,580 | 76 | 49 | 156 | 30 | 21 | 13 |
| 29 | 56 | 208 | 97 | 69 | --- | 2,470 | 75 | 48 | 84 | 307 | 20 | 11 |
| 30 | 62 | 138 | 97 | 119 | --- | 540 | 88 | 43 | 50 | 351 | 21 | 10 |
| 31 | 58 | --- | 93 | 201 | --- | 272 | --- | 44 | --- | 260 | 20 | --- |
| TOTAL | 2,495 | 3,806 | 10,189 | 4,104 | 4,730 | 10,794 | 5,720 | 2,359 | 3,080 | 4,169 | 2,743 | 395.9 |
| MEAN | 80.5 | 127 | 329 | 132 | 169 | 348 | 191 | 76.1 | 103 | 134 | 88.5 | 13.2 |
| MAX | 250 | 570 | 3,300 | 626 | 815 | 2,470 | 867 | 168 | 493 | 548 | 592 | 21 |
| MIN | 42 | 47 | 79 | 69 | 79 | 117 | 75 | 43 | 19 | 23 | 20 | 9.9 |
| CFSM | 0.46 | 0.73 | 1.89 | 0.76 | 0.97 | 2.00 | 1.10 | 0.44 | 0.59 | 0.77 | 0.51 | 0.08 |
| IN. | 0.53 | 0.81 | 2.18 | 0.88 | 1.01 | 2.31 | 1.22 | 0.50 | 0.66 | 0.89 | 0.59 | 0.08 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005,[@] BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 153 | 118 | 161 | 240 | 280 | 359 | 271 | 162 | 110 | 74.7 | 70.1 | 147 |
| MAX | 731 | 375 | 542 | 554 | 753 | 810 | 810 | 515 | 615 | 290 | 352 | 835 |
| (WY) | (1990) | (2003) | (2003) | (1998) | (1990) | (2003) | (2003) | (1989) | (2003) | (2003) | (2003) | (2003) |
| MIN | 8.08 | 10.3 | 22.4 | 55.9 | 55.4 | 83.7 | 44.4 | 19.4 | 21.2 | 21.6 | 14.9 | 13.2 |
| (WY) | (2002) | (2002) | (2002) | (2001) | (2002) | (1999) | (2002) | (2002) | (1999) | (1996) | (1990) | (2005) |

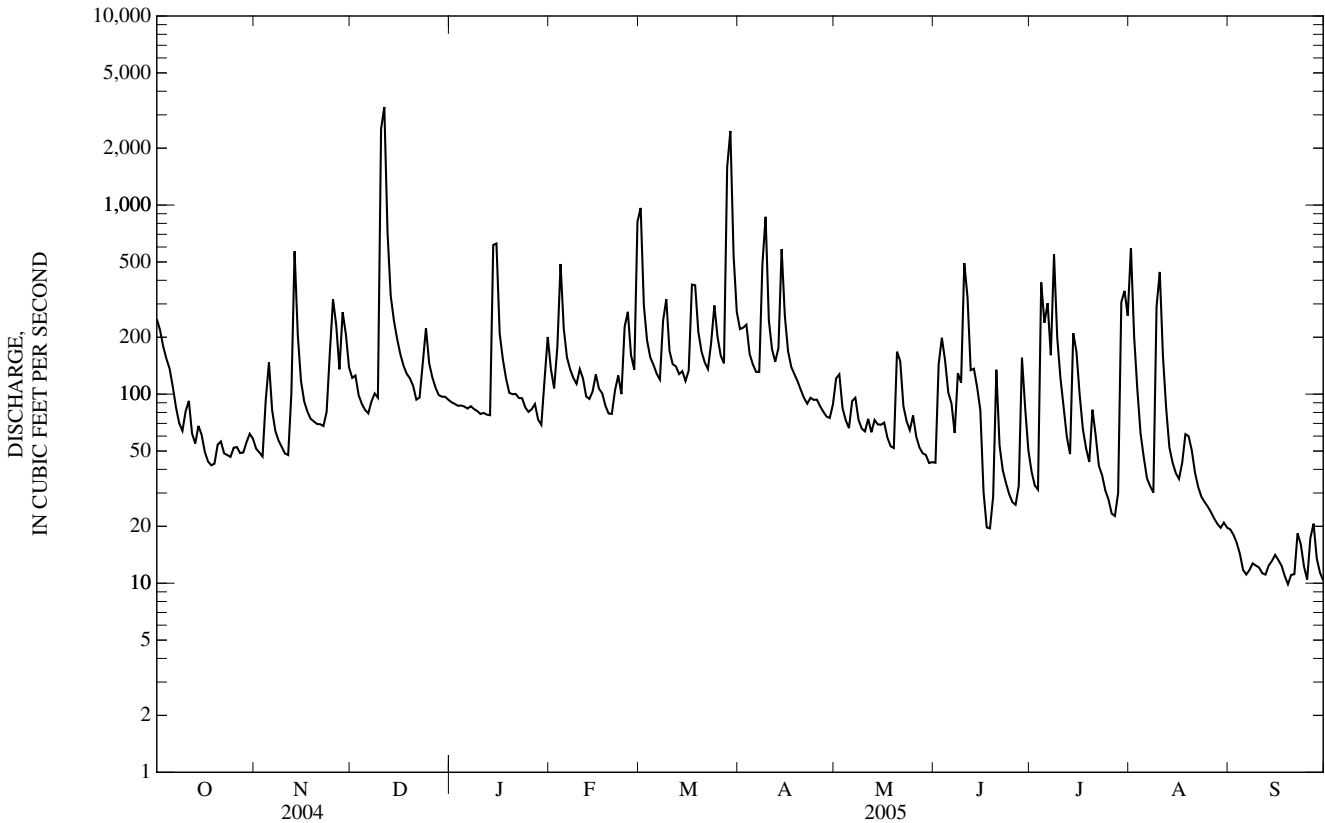
02121500 ABBOTTS CREEK AT LEXINGTON, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1988 - 2005 [@] | |
|--------------------------|------------------------|--------|---------------------|--------|--------------------------------------|--------------|
| ANNUAL TOTAL | 65,069 | | 54,584.9 | | 178 | |
| ANNUAL MEAN | 178 | | 150 | | 45.8 | |
| HIGHEST ANNUAL MEAN | | | | | 487 | 2003 |
| LOWEST ANNUAL MEAN | | | | | 45.8 | 2002 |
| HIGHEST DAILY MEAN | 4,590 | Sep 29 | 3,300 | Dec 11 | 8,000 | Sep 23, 2003 |
| LOWEST DAILY MEAN | 16 | Jul 26 | 9.9 | Sep 19 | 2.7 | Sep 4, 1990 |
| ANNUAL SEVEN-DAY MINIMUM | 20 | Aug 24 | 12 | Sep 15 | 3.9 | Sep 1, 1990 |
| MAXIMUM PEAK FLOW | | | 4,580 | Dec 11 | 11,800* | Sep 23, 2003 |
| MAXIMUM PEAK STAGE | | | 15.73 | Dec 11 | 23.48 | Sep 23, 2003 |
| INSTANTANEOUS LOW FLOW | | | 6.5 | Sep 30 | 2.4* | Sep 4, 1990 |
| ANNUAL RUNOFF (CFSM) | 1.02 | | 0.859 | | 1.02 | |
| ANNUAL RUNOFF (INCHES) | 13.91 | | 11.67 | | 13.91 | |
| 10 PERCENT EXCEEDS | 253 | | 259 | | 335 | |
| 50 PERCENT EXCEEDS | 84 | | 89 | | 75 | |
| 90 PERCENT EXCEEDS | 35 | | 22 | | 16 | |

[@] See PERIOD OF RECORD.

* See REMARKS.

e Estimated.



354855080134201 ABBOTTS CREEK PRECIPITATION

LOCATION.--Lat 35°48'55", long 80°13'42", Davidson County, Hydrologic Unit 03040103, in North Carolina Department of Transportation maintenance yard on Raleigh Road, at Lexington.

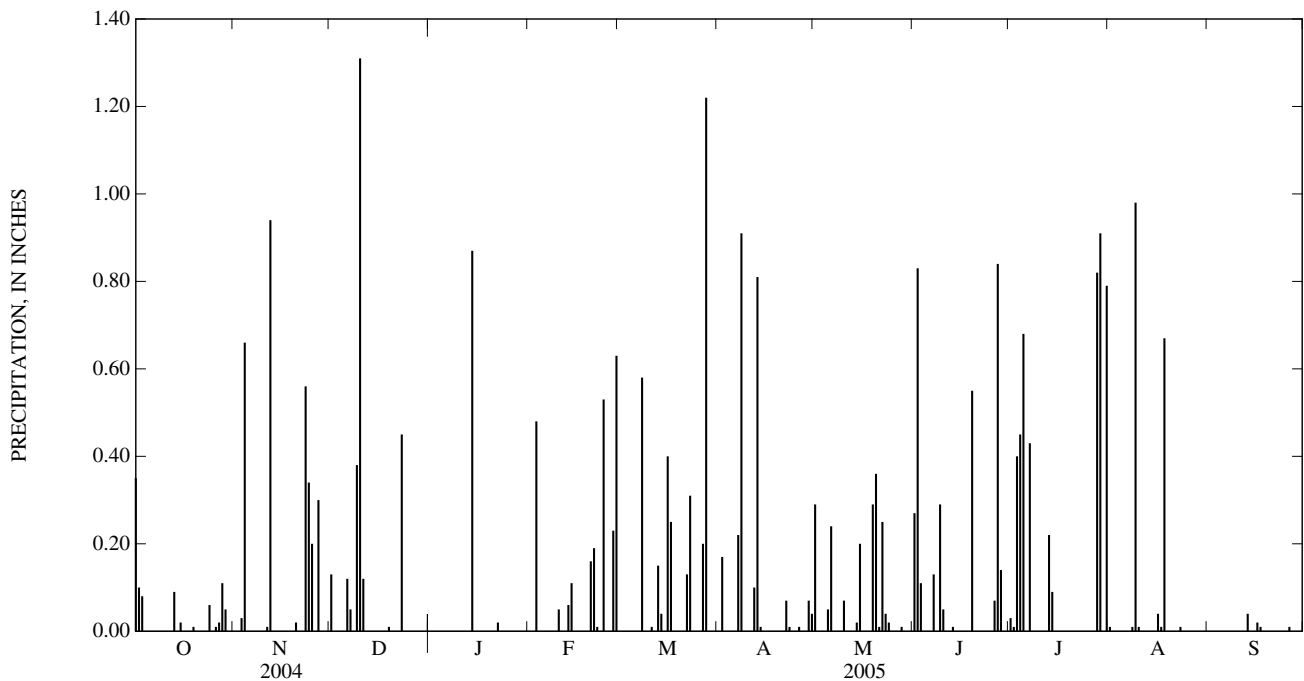
PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.35 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.27 | 0.03 | 0.01 | 0.00 |
| 2 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.83 | 0.01 | 0.00 | 0.00 |
| 3 | 0.08 | 0.03 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.00 | 0.11 | 0.40 | 0.00 | 0.00 |
| 4 | 0.00 | 0.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.45 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.68 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.13 | 0.43 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 0.91 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 9 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 | 0.98 | 0.00 |
| 10 | 0.00 | 0.00 | 1.31 | 0.00 | 0.05 | 0.00 | 0.00 | 1.07 | 0.05 | 0.00 | 0.01 | 0.00 |
| 11 | 0.00 | 0.01 | 0.12 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.09 | 0.00 | 0.00 | 0.00 | 0.06 | 0.15 | 0.81 | 0.00 | 0.01 | 0.22 | 0.00 | 0.04 |
| 14 | 0.00 | 0.00 | 0.00 | 0.87 | 0.11 | 0.04 | 0.01 | 0.02 | 0.00 | 0.09 | 0.00 | 0.00 |
| 15 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.02 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.00 |
| 19 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.55 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.02 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.13 | 0.07 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.56 | 0.45 | 0.00 | 0.00 | 0.31 | 0.01 | 0.04 | --- | 0.00 | 0.01 | 0.00 |
| 24 | 0.06 | 0.34 | 0.00 | 0.00 | 0.53 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.07 | 0.00 | 0.00 | 0.01 |
| 27 | 0.02 | 0.30 | 0.00 | 0.00 | 0.23 | 0.20 | 0.00 | 0.00 | 0.84 | 0.00 | 0.00 | 0.00 |
| 28 | 0.11 | 0.00 | 0.00 | 0.00 | 0.63 | 1.22 | 0.00 | 0.01 | 0.14 | 0.82 | 0.00 | 0.00 |
| 29 | 0.05 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.07 | 0.00 | 0.00 | 0.91 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.79 | 0.00 | --- |
| TOTAL | 0.90 | 3.06 | 2.57 | --- | 2.45 | 3.29 | 2.42 | 1.85 | --- | 4.83 | 1.74 | 0.08 |



02122400 HIGH ROCK LAKE

LOCATION.--Lat 35°36'02", long 80°14'00", Davidson County, Hydrologic Unit 03040103, High Rock Lake Dam.

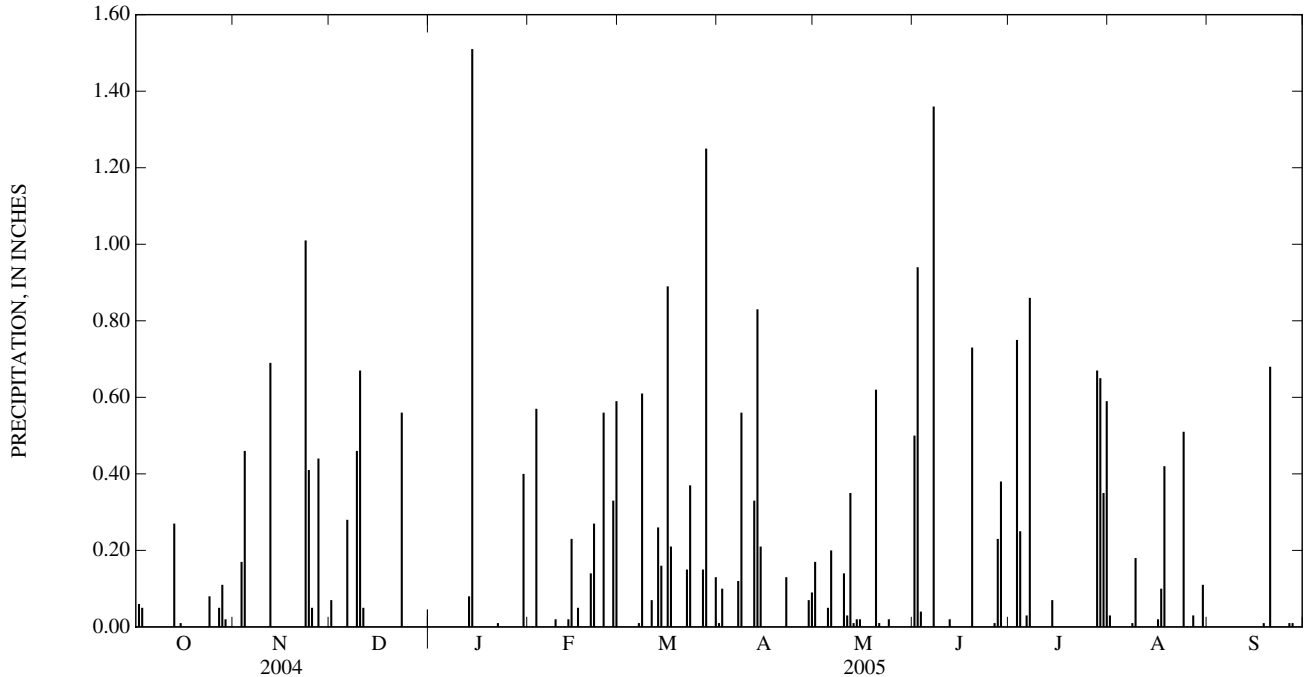
PERIOD OF RECORD.--September 1996 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.01 | 0.17 | 0.50 | 0.00 | 0.03 | 0.00 |
| 2 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 |
| 3 | 0.05 | 0.17 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 | 0.00 | 0.04 | 0.75 | 0.00 | 0.00 |
| 4 | 0.00 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.03 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.12 | 0.00 | 1.36 | 0.86 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.61 | 0.56 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 9 | 0.00 | 0.00 | 0.46 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.00 |
| 10 | 0.00 | 0.00 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.07 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 | 0.35 | 0.02 | 0.00 | 0.00 | 0.00 |
| 13 | 0.27 | 0.00 | 0.00 | 0.08 | 0.02 | 0.26 | 0.83 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.51 | 0.23 | 0.16 | 0.21 | 0.02 | 0.00 | 0.07 | 0.00 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | --- | 0.10 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.42 | 0.01 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.73 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.62 | 0.00 | 0.00 | 0.00 | 0.68 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.00 | --- | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.15 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 1.01 | 0.56 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.08 | 0.41 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.51 | 0.00 |
| 25 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 |
| 27 | 0.05 | 0.44 | 0.00 | 0.00 | 0.33 | 0.15 | 0.00 | 0.00 | 0.23 | 0.00 | 0.03 | 0.01 |
| 28 | 0.11 | 0.00 | 0.00 | 0.00 | 0.59 | 1.25 | 0.00 | 0.00 | 0.38 | 0.67 | 0.00 | 0.00 |
| 29 | 0.02 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.07 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.40 | --- | 0.00 | 0.09 | 0.00 | 0.00 | 0.35 | 0.11 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.13 | --- | 0.00 | --- | 0.59 | 0.00 | --- |
| TOTAL | 0.65 | 3.23 | 2.09 | 2.00 | 2.78 | 4.26 | --- | 1.64 | 4.21 | --- | 1.41 | 0.71 |



02122699 TUCKERTOWN RESERVOIR

LOCATION.--Lat 35°29'09", long 80°10'32", Montgomery County, Hydrologic Unit 03040103, Tuckertown Reservoir Dam.

PERIOD OF RECORD.-- October 1998 to current year.

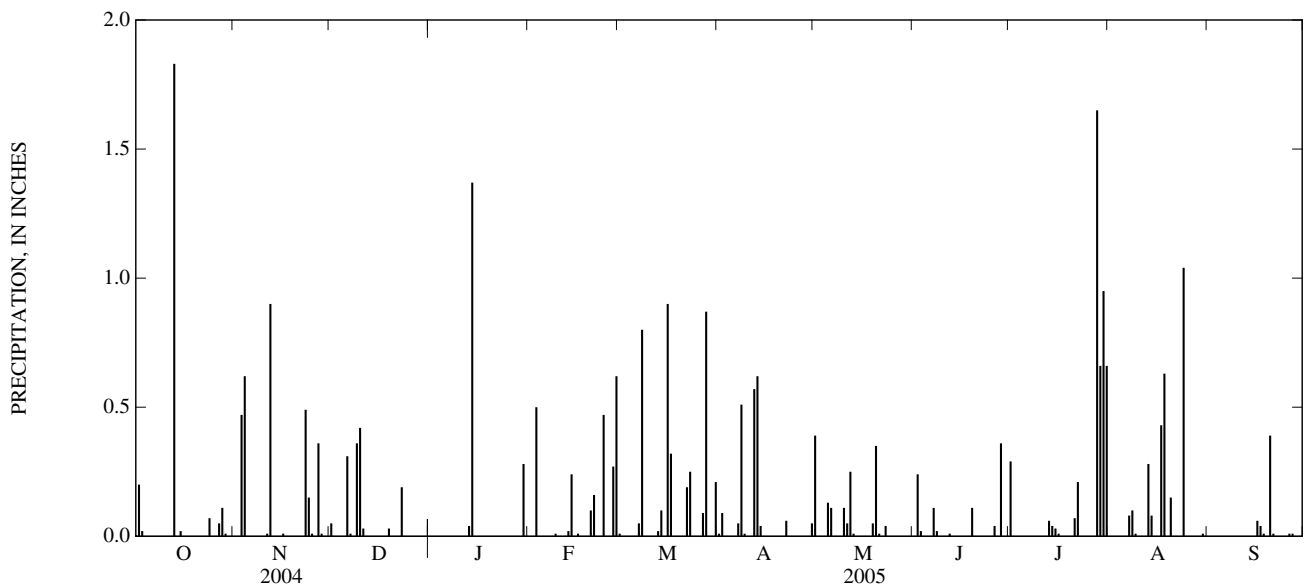
REVISED RECORDS.--WDR NC-04-1: 2002-2003.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.01 | 0.01 | 0.39 | 0.00 | 0.29 | 0.00 | 0.00 |
| 2 | 0.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.24 | --- | 0.00 | 0.00 |
| 3 | 0.02 | 0.47 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.02 | --- | 0.00 | 0.00 |
| 4 | 0.00 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | --- | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | --- | --- | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.05 | 0.05 | 0.00 | 0.11 | --- | 0.08 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.80 | 0.51 | 0.00 | 0.02 | --- | 0.10 | 0.00 |
| 9 | 0.00 | 0.00 | 0.36 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | --- | 0.01 | 0.00 |
| 10 | 0.00 | 0.00 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | --- | 0.00 | 0.00 |
| 11 | 0.00 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | --- | 0.00 | 0.00 |
| 12 | 0.00 | 0.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.25 | 0.01 | 0.00 | 0.00 | 0.00 |
| 13 | 1.83 | 0.00 | 0.00 | 0.04 | 0.02 | 0.02 | 0.62 | 0.01 | 0.00 | 0.06 | 0.28 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.37 | 0.24 | 0.10 | 0.04 | 0.00 | 0.00 | 0.04 | 0.08 | 0.00 |
| 15 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 16 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.90 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.06 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.04 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.01 |
| 19 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.11 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.35 | 0.00 | 0.00 | 0.15 | 0.39 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.01 | 0.00 | 0.07 | 0.00 | 0.01 |
| 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.06 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 |
| 23 | 0.00 | 0.49 | 0.19 | 0.00 | 0.00 | 0.25 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.07 | 0.15 | 0.00 | 0.00 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.04 | 0.00 |
| 25 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.04 | 0.00 | 0.00 | 0.01 |
| 27 | 0.05 | 0.36 | 0.00 | 0.00 | 0.27 | 0.09 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 28 | 0.11 | 0.01 | 0.00 | 0.00 | 0.62 | 0.87 | --- | 0.00 | 0.36 | 1.65 | 0.00 | 0.00 |
| 29 | 0.01 | 0.00 | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | 0.00 | 0.66 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.28 | --- | 0.00 | 0.05 | 0.00 | 0.00 | 0.95 | 0.01 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.21 | --- | 0.00 | --- | 0.66 | 0.00 | --- |
| TOTAL | 2.31 | 3.03 | 1.40 | 1.69 | 2.40 | 3.81 | --- | 1.50 | --- | --- | 2.81 | 0.53 |



0212393300 WEST BRANCH ROCKY RIVER BELOW MOUTH OF SOUTH PRONG RIVER NEAR CORNELIUS, NC

LOCATION.--Lat 35°28'04", long 80°47'25", Mecklenburg County, Hydrologic Unit 03040105, on downstream side of box culvert on River Ford Road, 30 ft downstream of mouth of South Prong River, and 4.0 mi southwest of Cornelius.

DRAINAGE AREA.--20.8 mi².

PERIOD OF RECORD.--July 2004 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 638.42 ft above North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 13 | 6.2 | 16 | 8.8 | 9.4 | 36 | 25 | 16 | 8.5 | 3.3 | 5.3 | 2.1 |
| 2 | 20 | 6.4 | 14 | 8.3 | 9.2 | 23 | 26 | 9.1 | 34 | 4.9 | 4.3 | 2.0 |
| 3 | 57 | 8.8 | 13 | 8.5 | 30 | 19 | 20 | 8.7 | 9.8 | 4.0 | 4.1 | 1.9 |
| 4 | 29 | 77 | 12 | 8.2 | 16 | 18 | 19 | 8.2 | 7.8 | 41 | 4.0 | 1.9 |
| 5 | 16 | 23 | 12 | 8.2 | 11 | 17 | 19 | 8.3 | 7.0 | 8.2 | 3.3 | 1.7 |
| 6 | 12 | 14 | 14 | 8.3 | 10 | 15 | 17 | 8.5 | 6.5 | 6.5 | 3.1 | 1.6 |
| 7 | 9.9 | 12 | 21 | 8.0 | 9.8 | 15 | 19 | 7.9 | 8.0 | 6.9 | 3.0 | 1.6 |
| 8 | 8.9 | 10 | 14 | 8.0 | 9.9 | 41 | 24 | 7.8 | 9.4 | 6.0 | 7.8 | 1.5 |
| 9 | 8.5 | 9.5 | 82 | 7.3 | 9.6 | 19 | 19 | 7.3 | 7.1 | e5.4 | 29 | 1.4 |
| 10 | 8.0 | 9.2 | 369 | 7.3 | 9.5 | 16 | 17 | 9.0 | 13 | 5.3 | 22 | 1.3 |
| 11 | 7.4 | 8.8 | 45 | 7.1 | e9.0 | 16 | 16 | 9.3 | 7.3 | 4.7 | 5.7 | 1.2 |
| 12 | 7.4 | 37 | 25 | 7.1 | e9.3 | 15 | 22 | 7.0 | 6.2 | 4.9 | 4.6 | 1.2 |
| 13 | 7.6 | 23 | 19 | 7.3 | e9.0 | 15 | 38 | 7.1 | 6.7 | 4.2 | 4.0 | 1.1 |
| 14 | 7.0 | 14 | 15 | 123 | e10 | 16 | 116 | 11 | 5.5 | 4.0 | 3.7 | 1.1 |
| 15 | 6.6 | 12 | 13 | 21 | e8.8 | 14 | 29 | 9.4 | 5.2 | 3.3 | 3.3 | 1.1 |
| 16 | 6.3 | 12 | 12 | 16 | 8.3 | 41 | 23 | 7.5 | 4.8 | 2.8 | 5.0 | 3.8 |
| 17 | 6.2 | 11 | 12 | 13 | 8.1 | 44 | 21 | 7.2 | 4.5 | 3.2 | 3.1 | 1.5 |
| 18 | 6.5 | 11 | 11 | 12 | 8.0 | 26 | 20 | 6.9 | 4.3 | 2.8 | 42 | 0.84 |
| 19 | 6.5 | 10 | 11 | 12 | 7.8 | 19 | 18 | 6.6 | 5.1 | 2.3 | 7.7 | 0.87 |
| 20 | 6.3 | 10 | 9.7 | 12 | 8.0 | 18 | 17 | 16 | 5.4 | 2.0 | 5.7 | 0.93 |
| 21 | 6.2 | 9.6 | 9.4 | 11 | 21 | 17 | 16 | 7.7 | 4.3 | 2.0 | 4.8 | 1.1 |
| 22 | 6.2 | 9.6 | 9.1 | 11 | 14 | 18 | 16 | 6.8 | 4.1 | 2.0 | 4.4 | 1.2 |
| 23 | 6.3 | 15 | 27 | 10 | 10 | 72 | 15 | 7.4 | 4.0 | 1.9 | 4.0 | 1.4 |
| 24 | 6.7 | 25 | 13 | 10 | 50 | 28 | 12 | 6.2 | 3.7 | 1.4 | 3.9 | 1.2 |
| 25 | 6.2 | 23 | 11 | 9.8 | 17 | 20 | 12 | 5.9 | 3.7 | 1.5 | 3.4 | 1.1 |
| 26 | 6.1 | 14 | 11 | 9.3 | 12 | 18 | 11 | 5.9 | 3.9 | 1.5 | 3.0 | 1.3 |
| 27 | 6.0 | 17 | 9.9 | 8.3 | 11 | 18 | 11 | 5.6 | 4.2 | 1.4 | 2.9 | 1.3 |
| 28 | 11 | 39 | 9.8 | 8.3 | 150 | 353 | 10 | 5.5 | 6.6 | 2.5 | 2.9 | 1.2 |
| 29 | 7.0 | 17 | 9.9 | 9.1 | --- | 51 | 9.8 | 5.2 | 4.4 | 36 | 2.8 | 1.4 |
| 30 | 6.5 | 15 | 9.4 | 14 | --- | 32 | 11 | 5.0 | 3.6 | 9.2 | 2.8 | 1.3 |
| 31 | 6.3 | --- | 8.8 | 11 | --- | 28 | --- | 5.1 | --- | 19 | 2.4 | --- |
| TOTAL | 324.6 | 509.1 | 868.0 | 423.2 | 495.7 | 1,098 | 648.8 | 245.1 | 208.6 | 204.1 | 208.0 | 43.14 |
| MEAN | 10.5 | 17.0 | 28.0 | 13.7 | 17.7 | 35.4 | 21.6 | 7.91 | 6.95 | 6.58 | 6.71 | 1.44 |
| MAX | 57 | 77 | 369 | 123 | 150 | 353 | 116 | 16 | 34 | 41 | 42 | 3.8 |
| MIN | 6.0 | 6.2 | 8.8 | 7.1 | 7.8 | 14 | 9.8 | 5.0 | 3.6 | 1.4 | 2.4 | 0.84 |
| CFSM | 0.50 | 0.82 | 1.35 | 0.66 | 0.85 | 1.70 | 1.04 | 0.38 | 0.33 | 0.32 | 0.32 | 0.07 |
| IN. | 0.58 | 0.91 | 1.55 | 0.76 | 0.89 | 1.96 | 1.16 | 0.44 | 0.37 | 0.37 | 0.37 | 0.08 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

| | 2004 | 2005 | 2005 | 2005 | 2005 | 2005 | 2005 | 2005 | 2005 | 2004 | 2005 | 2004 |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 10.5 | 17.0 | 28.0 | 13.7 | 17.7 | 35.4 | 21.6 | 7.91 | 6.95 | 6.68 | 4.92 | 27.4 |
| MAX | 10.5 | 17.0 | 28.0 | 13.7 | 17.7 | 35.4 | 21.6 | 7.91 | 6.95 | 6.78 | 6.71 | 53.4 |
| (WY) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2004) | (2005) | (2004) |
| MIN | 10.5 | 17.0 | 28.0 | 13.7 | 17.7 | 35.4 | 21.6 | 7.91 | 6.95 | 6.58 | 3.12 | 1.44 |
| (WY) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2004) | (2005) |

SUMMARY STATISTICS

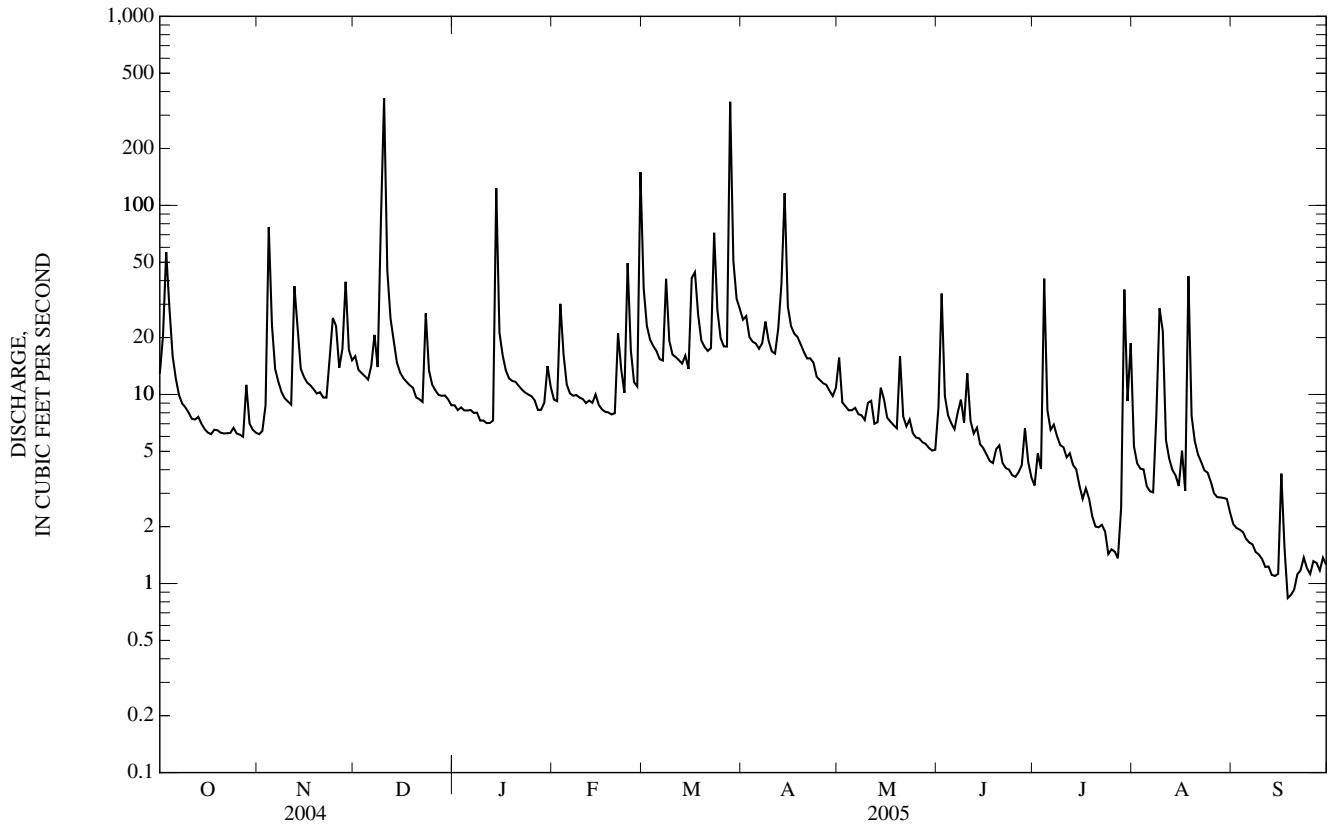
FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 2004 - 2005

| | | | | | | | | | | | | |
|--------------------------|-------|--------|--|--|--|--|-------|----------|-------|--------------|------|------|
| ANNUAL TOTAL | | | | | | | | 5,276.34 | | | | |
| ANNUAL MEAN | | | | | | | | 14.5 | | | 14.5 | |
| HIGHEST ANNUAL MEAN | | | | | | | | | | 14.5 | | 2005 |
| LOWEST ANNUAL MEAN | | | | | | | | | | 14.5 | | 2005 |
| HIGHEST DAILY MEAN | 1,040 | Sep 28 | | | | | 369 | Dec 10 | 1,040 | Sep 28, 2004 | | |
| LOWEST DAILY MEAN | 1.4 | Aug 11 | | | | | 0.84 | Sep 18 | 0.84 | Sep 18, 2005 | | |
| ANNUAL SEVEN-DAY MINIMUM | 1.8 | Aug 5 | | | | | 1.1 | Sep 18 | 1.1 | Sep 18, 2005 | | |
| MAXIMUM PEAK FLOW | | | | | | | 1,460 | Dec 10 | 2,350 | Sep 28, 2004 | | |
| MAXIMUM PEAK STAGE | | | | | | | 9.69 | Dec 10 | 12.59 | Sep 28, 2004 | | |
| INSTANTANEOUS LOW FLOW | | | | | | | 0.63 | Sep 20 | 0.63 | Sep 20, 2005 | | |
| ANNUAL RUNOFF (CFSM) | | | | | | | 0.695 | | 0.695 | | | |
| ANNUAL RUNOFF (INCHES) | | | | | | | 9.44 | | 9.44 | | | |
| 10 PERCENT EXCEEDS | | | | | | | 24 | | 24 | | | |
| 50 PERCENT EXCEEDS | | | | | | | 8.8 | | 8.8 | | | |
| 90 PERCENT EXCEEDS | | | | | | | 2.1 | | 2.1 | | | |

e Estimated.



02124080 CLARKE CREEK NEAR HARRISBURG, NC

LOCATION.--Lat 35°24'51", long 80°45'07", Cabarrus County, Hydrologic Unit 03040105, on left wingwall on upstream side of bridge on Secondary Road 1449, 3.0 mi upstream from mouth, and 8.5 mi northwest of Harrisburg.

DRAINAGE AREA.--21.9 mi².

PERIOD OF RECORD.--July 2003 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 608.30 ft above North American Vertical Datum of 1988, from levels. Radio telemetry at station.

REMARKS.--Records poor. Minimum discharge for period of record also occurred May 27, Aug. 8, 2004. Minimum discharge for current water year and period of record is affected by withdrawal from golf course upstream.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|
| 1 | 19 | 4.8 | 10 | 7.8 | 10 | 59 | 28 | 10 | 3.4 | 9.4 | 5.7 | e1.8 |
| 2 | 17 | 4.4 | 8.4 | 7.7 | 9.3 | 28 | 27 | 6.0 | 44 | 5.4 | 2.4 | e1.5 |
| 3 | 19 | 7.5 | 7.6 | 7.5 | 33 | 21 | 23 | 5.5 | 13 | 5.1 | 2.1 | 1.2 |
| 4 | 16 | 77 | 6.9 | 7.7 | 25 | 18 | 17 | 4.7 | 8.9 | 5.0 | 2.0 | 1.1 |
| 5 | 11 | 21 | 6.5 | 7.9 | 17 | 14 | 14 | 4.4 | 7.1 | 3.1 | 1.8 | 0.98 |
| 6 | 9.2 | 12 | 7.3 | 7.3 | 12 | 13 | 13 | 4.2 | 5.4 | 4.5 | 0.99 | 0.84 |
| 7 | 7.7 | 9.6 | 13 | 7.6 | 10 | 12 | 13 | 4.4 | 31 | 12 | 0.36 | 0.80 |
| 8 | 6.8 | 8.4 | 9.7 | 7.3 | 9.4 | 45 | 32 | 4.0 | 37 | 9.4 | 15 | 1.2 |
| 9 | 6.9 | 7.5 | 27 | 7.5 | 8.5 | 24 | 27 | 3.8 | 93 | 6.0 | 11 | 1.3 |
| 10 | 6.9 | 7.0 | 352 | 7.6 | 8.5 | e20 | 18 | 2.8 | 87 | e1.8 | 5.6 | 0.83 |
| 11 | 5.9 | 6.7 | 96 | 7.6 | 7.9 | e18 | 14 | 3.1 | 22 | e1.6 | 3.6 | 0.30 |
| 12 | 5.6 | 16 | 35 | 7.5 | 8.0 | e17 | 22 | 2.4 | 14 | e1.4 | 3.0 | 0.25 |
| 13 | 5.5 | 16 | 24 | 7.2 | 7.5 | e16 | 47 | 2.1 | 10 | 1.2 | 6.7 | 0.23 |
| 14 | 4.4 | 9.2 | 19 | 70 | 9.9 | e18 | 139 | 2.5 | 6.6 | 1.6 | 9.7 | 0.39 |
| 15 | 4.3 | 8.0 | 16 | 21 | 9.1 | e15 | 35 | 2.8 | 4.9 | 1.6 | 4.6 | 0.41 |
| 16 | 4.0 | 7.6 | 15 | 15 | 7.5 | 51 | 23 | 3.9 | 3.8 | 0.81 | 3.4 | 0.57 |
| 17 | 4.1 | 7.5 | 14 | 13 | 10 | 62 | 18 | 3.7 | 3.4 | 0.50 | 0.63 | 0.86 |
| 18 | 4.1 | 7.2 | 13 | 11 | 8.5 | 32 | 15 | 3.3 | 3.4 | 0.48 | 31 | 0.88 |
| 19 | 5.0 | 7.1 | 12 | 11 | 7.1 | 25 | 12 | 1.5 | 3.2 | 1.1 | 6.0 | 0.51 |
| 20 | 6.4 | 7.2 | 10 | 11 | 7.8 | 19 | 10 | 5.6 | 4.5 | 0.28 | 2.8 | 0.55 |
| 21 | 5.6 | 6.7 | 9.0 | 11 | 21 | 17 | 8.7 | 4.9 | 3.1 | 0.26 | 1.8 | 0.32 |
| 22 | 5.8 | 6.4 | 8.7 | 9.8 | 18 | 18 | 8.5 | 4.1 | 1.4 | 0.26 | 2.3 | 0.24 |
| 23 | 5.2 | 7.4 | 23 | 9.5 | 12 | 82 | 9.1 | 3.8 | 2.1 | 0.52 | 4.3 | 0.16 |
| 24 | 5.8 | 12 | 15 | 8.6 | 54 | 34 | 8.0 | 2.5 | 1.6 | 0.38 | 23 | 0.33 |
| 25 | 5.2 | 16 | 11 | 8.8 | 26 | 23 | 7.4 | 2.8 | 2.2 | 0.52 | 2.5 | 0.26 |
| 26 | 4.8 | 8.2 | 10 | 9.0 | 19 | 20 | 7.4 | 1.6 | 2.8 | 0.17 | 2.2 | 0.26 |
| 27 | 4.4 | 10 | 9.8 | 8.3 | 16 | 21 | 6.5 | 1.6 | 6.6 | 0.11 | 2.4 | 0.36 |
| 28 | 6.2 | 39 | 8.5 | 7.1 | 201 | 377 | 6.6 | 1.2 | 13 | 0.46 | 3.3 | 0.35 |
| 29 | 5.8 | 14 | 8.6 | 7.8 | --- | 102 | 5.8 | 2.6 | 6.0 | 8.8 | 2.0 | 0.20 |
| 30 | 4.7 | 10 | 8.3 | 17 | --- | 37 | 6.5 | 3.3 | 4.1 | 11 | 1.7 | 0.11 |
| 31 | 4.6 | --- | 8.2 | 14 | --- | 32 | --- | 2.5 | --- | 17 | 2.0 | --- |
| TOTAL | 226.9 | 381.4 | 822.5 | 361.1 | 593.0 | 1,290 | 621.5 | 111.6 | 448.5 | 111.75 | 165.88 | 19.09 |
| MEAN | 7.32 | 12.7 | 26.5 | 11.6 | 21.2 | 41.6 | 20.7 | 3.60 | 14.9 | 3.60 | 5.35 | 0.64 |
| MAX | 19 | 77 | 352 | 70 | 201 | 377 | 139 | 10 | 93 | 17 | 31 | 1.8 |
| MIN | 4.0 | 4.4 | 6.5 | 7.1 | 7.1 | 12 | 5.8 | 1.2 | 1.4 | 0.11 | 0.36 | 0.11 |
| CFSM | 0.33 | 0.58 | 1.21 | 0.53 | 0.97 | 1.90 | 0.95 | 0.16 | 0.68 | 0.16 | 0.24 | 0.03 |
| IN. | 0.39 | 0.65 | 1.40 | 0.61 | 1.01 | 2.19 | 1.06 | 0.19 | 0.76 | 0.19 | 0.28 | 0.03 |

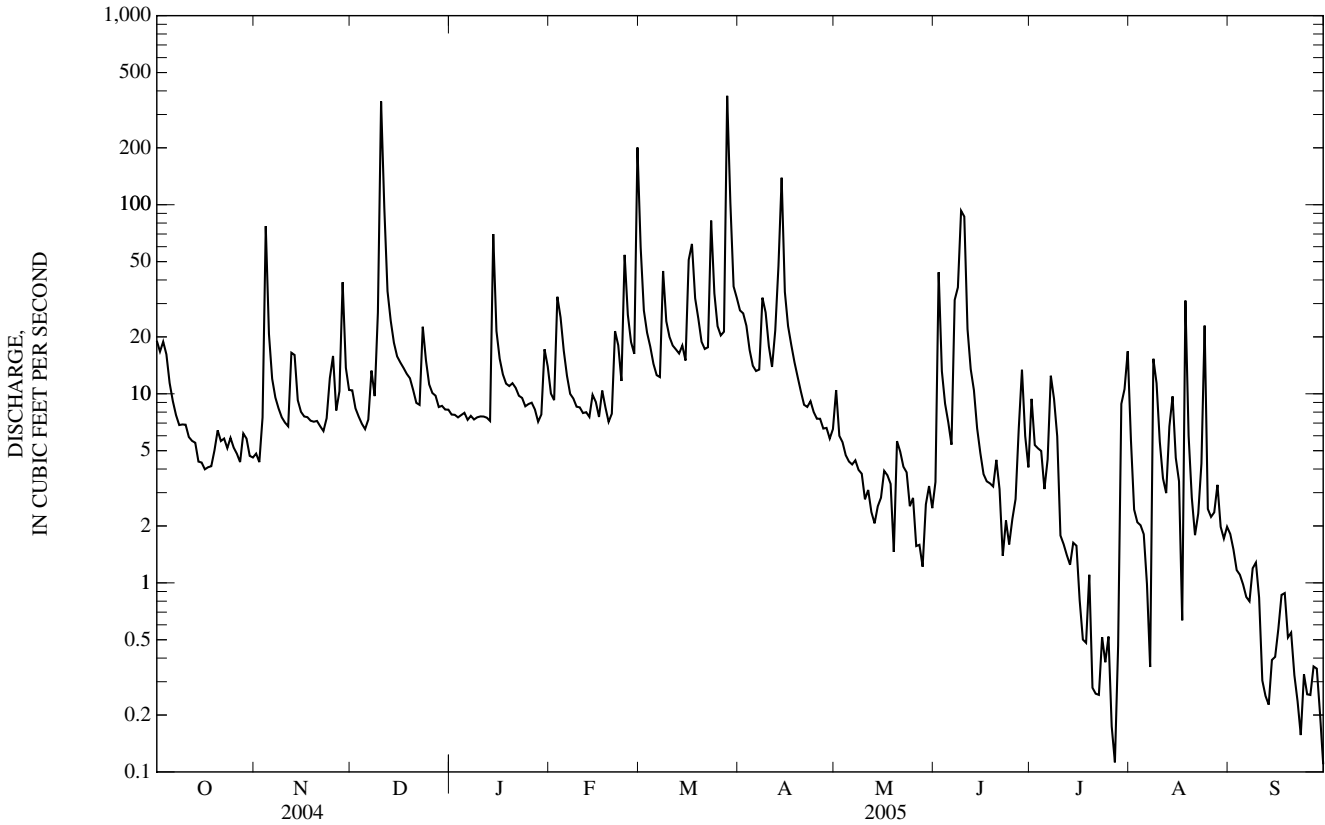
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 5.04 | 7.95 | 16.9 | 8.32 | 19.6 | 26.2 | 15.1 | 3.80 | 9.85 | 4.63 | 5.38 | 23.0 |
| MAX | 7.32 | 12.7 | 26.5 | 11.6 | 21.2 | 41.6 | 20.7 | 4.00 | 14.9 | 5.65 | 7.98 | 62.6 |
| (WY) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2004) | (2005) | (2004) | (2003) | (2004) |
| MIN | 2.76 | 3.19 | 7.19 | 4.98 | 18.1 | 10.8 | 9.39 | 3.60 | 4.74 | 3.60 | 2.82 | 0.64 |
| (WY) | (2004) | (2004) | (2004) | (2004) | (2004) | (2004) | (2004) | (2005) | (2004) | (2005) | (2004) | (2005) |

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 2003 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 5,132.01 | | 5,153.22 | | | |
| ANNUAL MEAN | 14.0 | | 14.1 | | 12.7 | |
| HIGHEST ANNUAL MEAN | | | | | 14.1 | 2005 |
| LOWEST ANNUAL MEAN | | | | | 11.2 | 2004 |
| HIGHEST DAILY MEAN | 1,070 | Sep 28 | 377 | Mar 28 | 1,070 | Sep 28, 2004 |
| LOWEST DAILY MEAN | 0.03 | Aug 10 | 0.11 | Jul 27 | 0.03 | Aug 10, 2004 |
| ANNUAL SEVEN-DAY MINIMUM | 0.71 | Aug 5 | 0.27 | Sep 24 | 0.27 | Sep 24, 2005 |
| MAXIMUM PEAK FLOW | | | 626 | Dec 10 | 2,290 | Sep 28, 2004 |
| MAXIMUM PEAK STAGE | | | 8.23 | Dec 10 | 11.51 | Sep 28, 2004 |
| INSTANTANEOUS LOW FLOW | | | 0.07* | Jul 26 | 0.01* | May 26, 2004 |
| ANNUAL RUNOFF (CFSM) | 0.640 | | 0.645 | | 0.578 | |
| ANNUAL RUNOFF (INCHES) | 8.72 | | 8.75 | | 7.86 | |
| 10 PERCENT EXCEEDS | 19 | | 25 | | 21 | |
| 50 PERCENT EXCEEDS | 6.2 | | 7.5 | | 5.6 | |
| 90 PERCENT EXCEEDS | 1.6 | | 0.87 | | 1.3 | |

* See REMARKS.

e Estimated.



0212414900 MALLARD CREEK BELOW STONY CREEK NEAR HARRISBURG, NC

LOCATION.--Lat 35°19'58", long 80°42'57", Mecklenburg County, Hydrologic Unit 03040105, on left bank on upstream side of bridge at Pavillion Blvd, 0.1 mi downstream of Stony Creek, and 3.8 mi northwest of Harrisburg.

DRAINAGE AREA.--34.6 mi².

PERIOD OF RECORD.--December 1994 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 568.40 ft, North American Vertical Datum of 1988. Radio telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum discharge for period of record from contracted opening measurement of peak flow; maximum gage height for period of record from floodmarks. No flow occurred for part of each day Aug. 8, 9, 10, 12, 13, 14, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|---------|------|-------|-------|-------|-------|---------|---------|-------|------|
| 1 | e34 | 9.6 | 16 | 13 | 16 | 68 | 44 | 34 | 41 | 261 | 15 | 3.6 |
| 2 | 22 | 11 | 12 | 13 | 14 | 37 | 43 | 13 | 243 | 51 | 9.4 | 3.4 |
| 3 | 54 | 13 | 11 | 13 | 129 | 29 | 27 | 11 | 32 | 112 | 7.6 | 3.2 |
| 4 | 27 | 169 | 9.8 | 13 | 46 | 25 | 23 | 11 | 17 | 53 | 7.0 | 2.7 |
| 5 | 16 | 36 | 9.4 | 12 | 27 | 22 | 20 | 11 | 12 | 17 | 5.7 | 2.2 |
| 6 | 14 | 15 | 32 | 13 | 21 | 20 | 18 | 12 | 13 | 13 | 5.3 | 1.9 |
| 7 | 13 | e12 | 33 | 13 | 19 | 19 | 20 | 10 | 93 | 83 | 5.0 | 1.7 |
| 8 | 12 | e10 | 13 | 12 | 18 | 202 | 38 | 9.6 | 91 | 30 | 22 | 1.5 |
| 9 | 12 | 9.3 | 34 | 12 | 18 | 43 | 26 | 9.9 | 191 | 14 | 57 | 1.3 |
| 10 | 11 | 9.5 | 394 | 13 | 19 | 28 | 17 | 14 | 85 | 11 | 36 | 1.3 |
| 11 | 10 | 9.3 | 59 | 12 | 16 | 23 | 15 | 17 | 22 | 22 | 12 | 1.5 |
| 12 | 11 | 67 | 34 | 11 | 15 | 21 | 165 | 19 | 13 | 18 | 6.2 | 1.6 |
| 13 | 61 | 30 | 25 | 12 | 15 | 18 | 241 | 14 | 11 | 11 | 36 | 1.4 |
| 14 | 14 | 12 | 21 | 273 | 38 | e27 | 243 | 9.7 | 9.5 | 9.6 | 23 | 1.5 |
| 15 | 11 | 10 | 19 | 38 | 24 | 18 | 49 | 14 | 7.9 | 8.0 | 7.5 | 1.6 |
| 16 | 9.9 | 9.9 | 18 | 24 | 43 | 140 | 32 | 9.9 | 7.0 | 7.5 | 5.6 | 12 |
| 17 | 9.6 | 9.4 | 17 | 20 | e20 | 179 | 26 | 8.8 | 6.7 | 7.0 | 7.7 | 2.9 |
| 18 | 10 | 8.8 | 16 | 18 | 19 | 48 | 23 | 8.4 | 6.3 | 15 | 5.0 | 1.7 |
| 19 | 12 | 8.6 | 16 | e16 | 17 | 30 | 21 | 8.1 | 6.1 | 10 | 4.8 | 1.9 |
| 20 | 11 | 8.7 | 15 | e16 | 18 | 24 | 19 | 30 | 6.8 | 6.9 | 4.0 | 1.7 |
| 21 | 9.7 | 8.8 | 14 | e15 | 74 | 21 | 17 | 12 | 6.1 | 5.8 | 3.7 | 1.6 |
| 22 | 9.5 | 8.7 | 15 | 15 | 38 | 46 | 25 | 8.7 | 5.6 | 21 | 4.1 | 1.5 |
| 23 | 8.9 | 17 | 88 | 14 | 24 | 288 | 25 | 8.3 | 5.3 | 9.3 | 4.1 | 1.3 |
| 24 | 14 | 70 | 31 | 13 | 123 | 54 | 15 | 7.4 | 5.3 | 7.4 | 35 | 1.4 |
| 25 | 10 | 53 | 20 | 14 | 40 | 32 | 14 | 7.2 | 5.0 | 5.5 | 5.1 | 1.5 |
| 26 | 8.8 | 15 | 17 | 13 | 26 | 25 | 13 | 7.8 | 56 | 5.7 | 3.9 | 1.9 |
| 27 | 9.6 | 40 | 15 | 12 | 23 | 27 | 14 | 7.1 | 54 | 5.5 | 3.5 | 2.0 |
| 28 | 24 | 96 | 14 | 11 | 428 | 776 | 13 | 7.0 | 123 | 9.6 | 3.7 | 1.6 |
| 29 | 13 | 20 | 14 | 13 | --- | 82 | 12 | 6.8 | 22 | 84 | 3.7 | 1.2 |
| 30 | 10 | 14 | 14 | 54 | --- | 42 | 21 | 8.7 | 153 | e103 | 5.3 | 1.7 |
| 31 | 9.8 | --- | 14 | 25 | --- | 72 | --- | 7.8 | --- | 56 | 4.4 | --- |
| TOTAL | 501.8 | 810.6 | 1,060.2 | 766 | 1,328 | 2,486 | 1,279 | 363.2 | 1,349.6 | 1,072.8 | 358.3 | 66.3 |
| MEAN | 16.2 | 27.0 | 34.2 | 24.7 | 47.4 | 80.2 | 42.6 | 11.7 | 45.0 | 34.6 | 11.6 | 2.21 |
| MAX | 61 | 169 | 394 | 273 | 428 | 776 | 243 | 34 | 243 | 261 | 57 | 12 |
| MIN | 8.8 | 8.6 | 9.4 | 11 | 14 | 18 | 12 | 6.8 | 5.0 | 5.5 | 3.5 | 1.2 |
| CFSM | 0.47 | 0.78 | 0.99 | 0.71 | 1.37 | 2.32 | 1.23 | 0.34 | 1.30 | 1.00 | 0.33 | 0.06 |
| IN. | 0.54 | 0.87 | 1.14 | 0.82 | 1.43 | 2.67 | 1.38 | 0.39 | 1.45 | 1.15 | 0.39 | 0.07 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

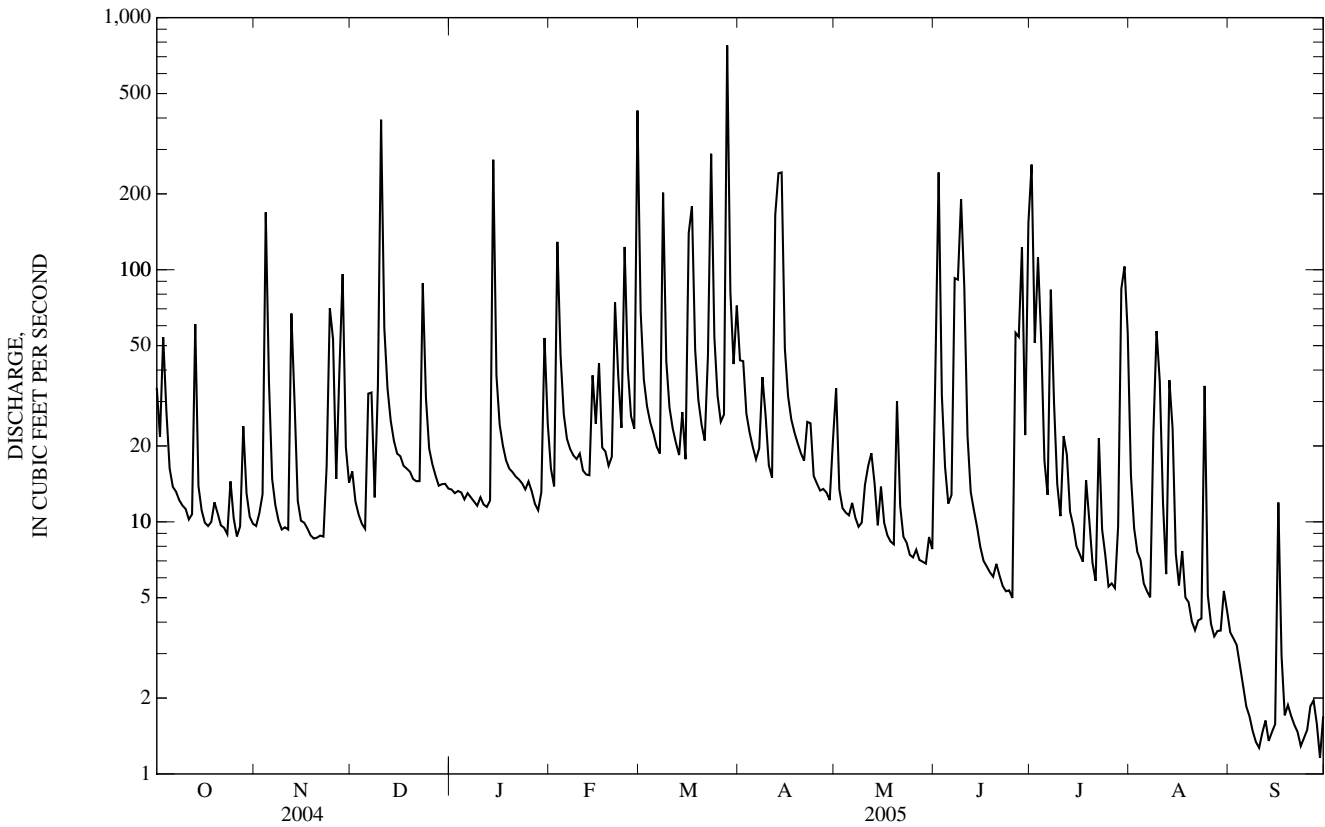
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 24.7 | 28.7 | 31.7 | 49.0 | 53.4 | 62.5 | 53.1 | 29.7 | 34.6 | 30.6 | 30.4 | 33.6 |
| MAX | 53.7 | 90.4 | 93.3 | 147 | 95.0 | 165 | 195 | 161 | 132 | 92.9 | 105 | 163 |
| (WY) | (1996) | (1996) | (2003) | (1998) | (1997) | (2003) | (2003) | (2003) | (2003) | (1997) | (1995) | (2004) |
| MIN | 2.75 | 3.80 | 9.44 | 11.8 | 15.0 | 15.5 | 11.2 | 9.55 | 5.82 | 9.09 | 1.74 | 2.21 |
| (WY) | (2001) | (2002) | (2001) | (2004) | (2002) | (1999) | (1995) | (2001) | (2002) | (2001) | (2001) | (2005) |

0212414900 MALLARD CREEK BELOW STONY CREEK NEAR HARRISBURG, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1995 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 15,500.1 | | 11,441.8 | | 38.4 | |
| ANNUAL MEAN | 42.4 | | 31.3 | | 86.5 | |
| HIGHEST ANNUAL MEAN | | | | | 16.0 | |
| LOWEST ANNUAL MEAN | | | | | 2002 | |
| HIGHEST DAILY MEAN | 2,170 | Sep 28 | 776 | Mar 28 | 2,350 | Aug 27, 1995 |
| LOWEST DAILY MEAN | 3.1 | Jun 3 | 1.2 | Sep 29 | 0.01 | Aug 13, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 4.8 | May 24 | 1.4 | Sep 8 | 0.07 | Aug 8, 2002 |
| MAXIMUM PEAK FLOW | | | 1,880 | Mar 28 | 6,260* | Aug 27, 1995 |
| MAXIMUM PEAK STAGE | | | 12.21 | Mar 28 | 17.34* | Aug 27, 1995 |
| INSTANTANEOUS LOW FLOW | | | 0.60 | Sep 29 | 0.00* | Aug 8, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.22 | | 0.906 | | 1.11 | |
| ANNUAL RUNOFF (INCHES) | 16.66 | | 12.30 | | 15.08 | |
| 10 PERCENT EXCEEDS | 62 | | 58 | | 67 | |
| 50 PERCENT EXCEEDS | 13 | | 14 | | 13 | |
| 90 PERCENT EXCEEDS | 6.3 | | 4.1 | | 3.2 | |

* See REMARKS.

e Estimated.



0212419274 CODDLE CREEK AT SECONDARY ROAD 1612 NEAR DAVIDSON, NC

LOCATION.--Lat 35°30'14", long 80°44'11", Cabarrus County, Hydrologic Unit 03040105, on right downstream wingwall on Secondary Road 1612, 6 mi northeast of Davidson.

DRAINAGE AREA.--22.7 mi².

PERIOD OF RECORD.--October 2002 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 655.12 ft above North American Vertical Datum of 1988, from levels. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|------|------|------|-------|------|-------|-------|-------|-------|-------|
| 1 | 24 | 9.2 | 17 | 14 | 16 | 47 | 28 | 19 | 11 | 6.7 | 11 | 5.9 |
| 2 | 21 | 9.2 | 15 | 14 | 15 | 32 | 26 | 14 | 36 | 6.6 | 8.1 | 5.6 |
| 3 | 28 | 11 | 15 | 14 | 29 | 26 | 23 | 14 | 19 | 24 | 7.4 | 5.2 |
| 4 | 25 | 39 | 14 | 14 | 27 | 23 | 21 | 13 | 14 | 554 | 7.0 | 5.1 |
| 5 | 17 | 23 | 13 | 14 | 20 | 21 | 20 | 13 | 11 | 29 | 6.7 | 5.2 |
| 6 | 15 | 16 | 13 | 14 | 18 | 19 | 19 | 14 | 10 | 15 | 6.6 | 5.0 |
| 7 | 14 | 15 | 16 | 14 | 17 | 19 | 19 | 13 | 9.2 | 12 | 6.6 | 5.0 |
| 8 | 13 | 13 | 14 | 14 | 17 | 34 | 20 | 13 | 9.8 | 11 | 7.3 | 5.3 |
| 9 | 12 | 12 | 41 | 13 | 17 | 25 | 19 | 12 | 15 | 9.4 | 25 | 4.5 |
| 10 | 12 | 12 | 348 | 13 | 16 | 21 | 18 | 13 | 23 | 9.2 | 12 | 4.3 |
| 11 | 11 | 12 | 55 | 13 | 16 | 20 | 17 | 16 | 12 | 9.3 | 9.1 | 4.2 |
| 12 | 11 | 25 | 36 | 13 | 16 | 19 | 19 | 14 | 9.9 | 9.9 | 7.6 | 4.4 |
| 13 | 12 | 26 | 28 | 13 | 16 | 19 | 27 | 15 | 9.4 | 8.9 | 7.1 | 4.0 |
| 14 | 11 | 17 | 23 | 90 | 17 | 20 | 91 | 16 | 8.9 | 9.2 | 7.2 | 4.2 |
| 15 | 10 | 15 | 21 | 33 | 16 | 18 | 33 | 15 | 8.1 | 8.7 | 6.9 | 4.0 |
| 16 | 9.6 | 15 | 19 | 25 | 16 | 33 | 25 | 13 | 8.1 | 8.4 | 6.6 | 4.3 |
| 17 | 9.4 | 14 | 18 | 21 | 15 | 42 | 22 | 12 | 7.6 | 8.1 | 6.5 | 4.6 |
| 18 | 9.4 | 13 | 17 | 19 | 14 | 32 | 20 | 12 | 7.4 | 7.6 | 71 | 4.1 |
| 19 | 9.6 | 13 | 17 | 18 | 14 | 26 | 18 | 11 | 8.0 | 7.5 | 18 | 3.9 |
| 20 | 9.7 | 13 | 15 | 18 | 15 | 24 | 17 | 17 | 9.2 | 7.3 | 11 | 3.9 |
| 21 | 9.5 | 12 | 16 | 17 | 22 | 22 | 16 | 13 | 7.9 | e6.9 | 8.5 | 3.9 |
| 22 | 9.5 | 12 | 16 | 17 | 21 | 21 | 17 | 11 | 7.4 | e6.0 | 7.7 | 3.9 |
| 23 | 9.3 | 17 | 25 | e16 | 17 | 53 | 17 | 12 | 7.0 | 5.5 | 7.6 | 4.0 |
| 24 | 9.6 | 23 | 20 | e16 | 39 | 35 | 15 | 12 | 6.9 | 5.4 | 8.1 | 3.8 |
| 25 | 9.4 | 28 | 17 | 16 | 28 | 27 | 15 | 10 | 6.7 | 5.6 | 7.2 | 3.7 |
| 26 | 9.3 | 18 | 16 | 16 | 22 | 24 | 15 | 10 | 6.8 | e5.5 | 7.0 | 4.1 |
| 27 | 9.4 | 19 | 15 | 14 | 20 | 23 | 15 | 10 | 7.0 | e6.1 | 6.8 | 4.2 |
| 28 | 13 | 37 | 15 | 14 | 111 | 295 | 14 | 11 | 7.8 | 6.1 | 6.7 | 3.8 |
| 29 | 11 | 22 | 15 | 15 | --- | 63 | 14 | 9.7 | 7.7 | 25 | 6.5 | 3.9 |
| 30 | 10 | 18 | 15 | 19 | --- | 39 | 15 | 10 | 7.2 | 20 | 6.6 | 3.7 |
| 31 | 9.6 | --- | 15 | 18 | --- | 32 | --- | 9.6 | --- | 22 | 6.4 | --- |
| TOTAL | 393.3 | 528.4 | 940 | 579 | 627 | 1,154 | 655 | 397.3 | 319.0 | 875.9 | 327.8 | 131.7 |
| MEAN | 12.7 | 17.6 | 30.3 | 18.7 | 22.4 | 37.2 | 21.8 | 12.8 | 10.6 | 28.3 | 10.6 | 4.39 |
| MAX | 28 | 39 | 348 | 90 | 111 | 295 | 91 | 19 | 36 | 554 | 71 | 5.9 |
| MIN | 9.3 | 9.2 | 13 | 13 | 14 | 18 | 14 | 9.6 | 6.7 | 5.4 | 6.4 | 3.7 |
| CFSM | 0.56 | 0.78 | 1.34 | 0.82 | 0.99 | 1.64 | 0.96 | 0.56 | 0.47 | 1.24 | 0.47 | 0.19 |
| IN. | 0.64 | 0.87 | 1.54 | 0.95 | 1.03 | 1.89 | 1.07 | 0.65 | 0.52 | 1.44 | 0.54 | 0.22 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

| | 2002 | 2003 | 2004 | 2005 |
|------|--------|--------|--------|--------|
| MEAN | 10.3 | 14.5 | 25.4 | 14.1 |
| MAX | 13.6 | 17.6 | 30.5 | 18.7 |
| (WY) | (2004) | (2005) | (2003) | (2005) |
| MIN | 4.45 | 12.8 | 15.4 | 10.9 |
| (WY) | (2003) | (2003) | (2004) | (2003) |

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

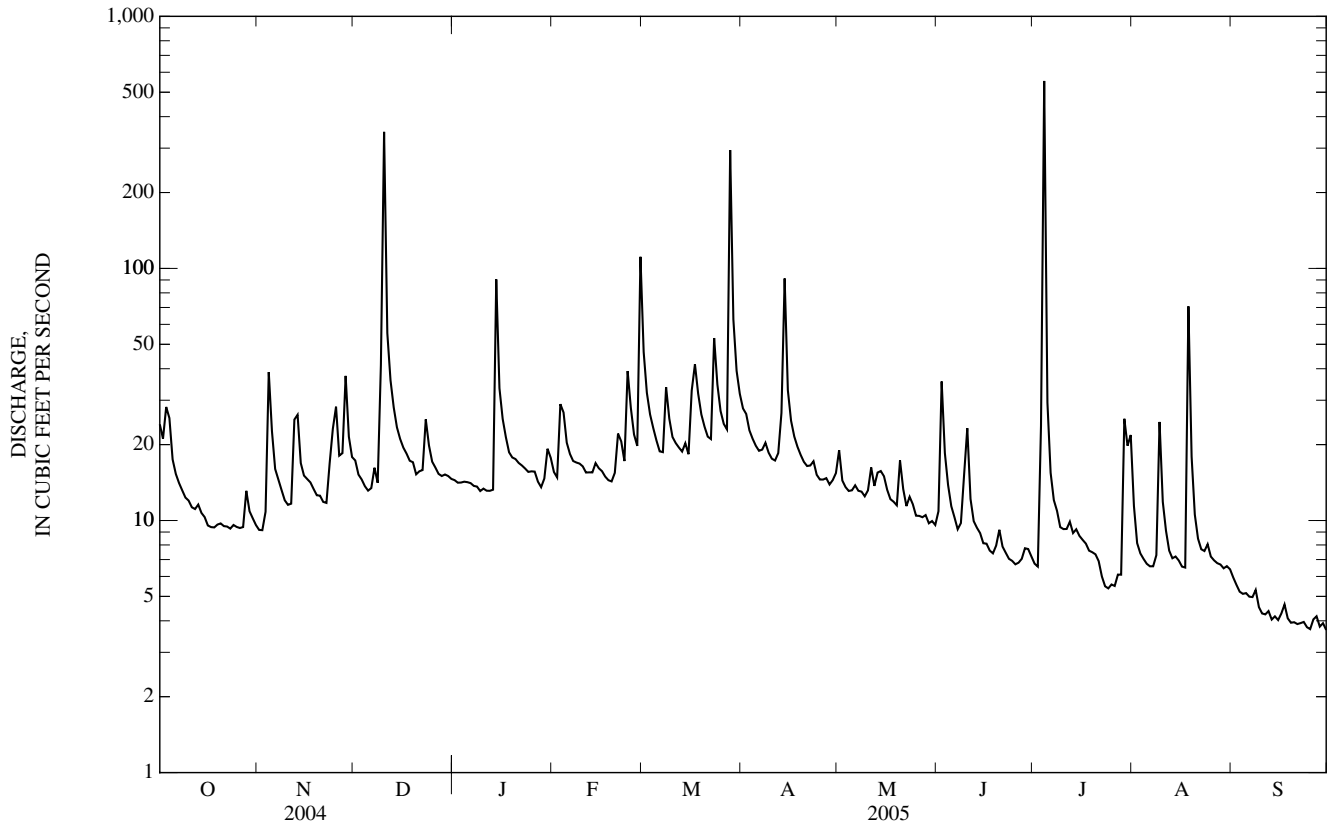
FOR 2005 WATER YEAR

WATER YEARS 2002 - 2005

| | | | | |
|--------------------------|---------|---------|-------|--------|
| ANNUAL TOTAL | 7,343.6 | 6,928.4 | | |
| ANNUAL MEAN | 20.1 | 19.0 | | 27.0 |
| HIGHEST ANNUAL MEAN | | | | 43.7 |
| LOWEST ANNUAL MEAN | | | | 18.5 |
| HIGHEST DAILY MEAN | 916 | Sep 28 | 554 | Jul 4 |
| LOWEST DAILY MEAN | 2.9 | Aug 28 | 3.7 | Sep 25 |
| ANNUAL SEVEN-DAY MINIMUM | 3.2 | Aug 23 | 3.9 | Sep 19 |
| MAXIMUM PEAK FLOW | | | 2,130 | Jul 4 |
| MAXIMUM PEAK STAGE | | | 12.91 | Jul 4 |
| INSTANTANEOUS LOW FLOW | | | 3.4 | Sep 30 |
| ANNUAL RUNOFF (CFSM) | 0.884 | | 0.836 | 1.19 |
| ANNUAL RUNOFF (INCHES) | 12.03 | | 11.35 | 16.19 |
| 10 PERCENT EXCEEDS | 26 | | 27 | 37 |
| 50 PERCENT EXCEEDS | 13 | | 14 | 14 |
| 90 PERCENT EXCEEDS | 6.7 | | 6.1 | 5.9 |

e Estimated.

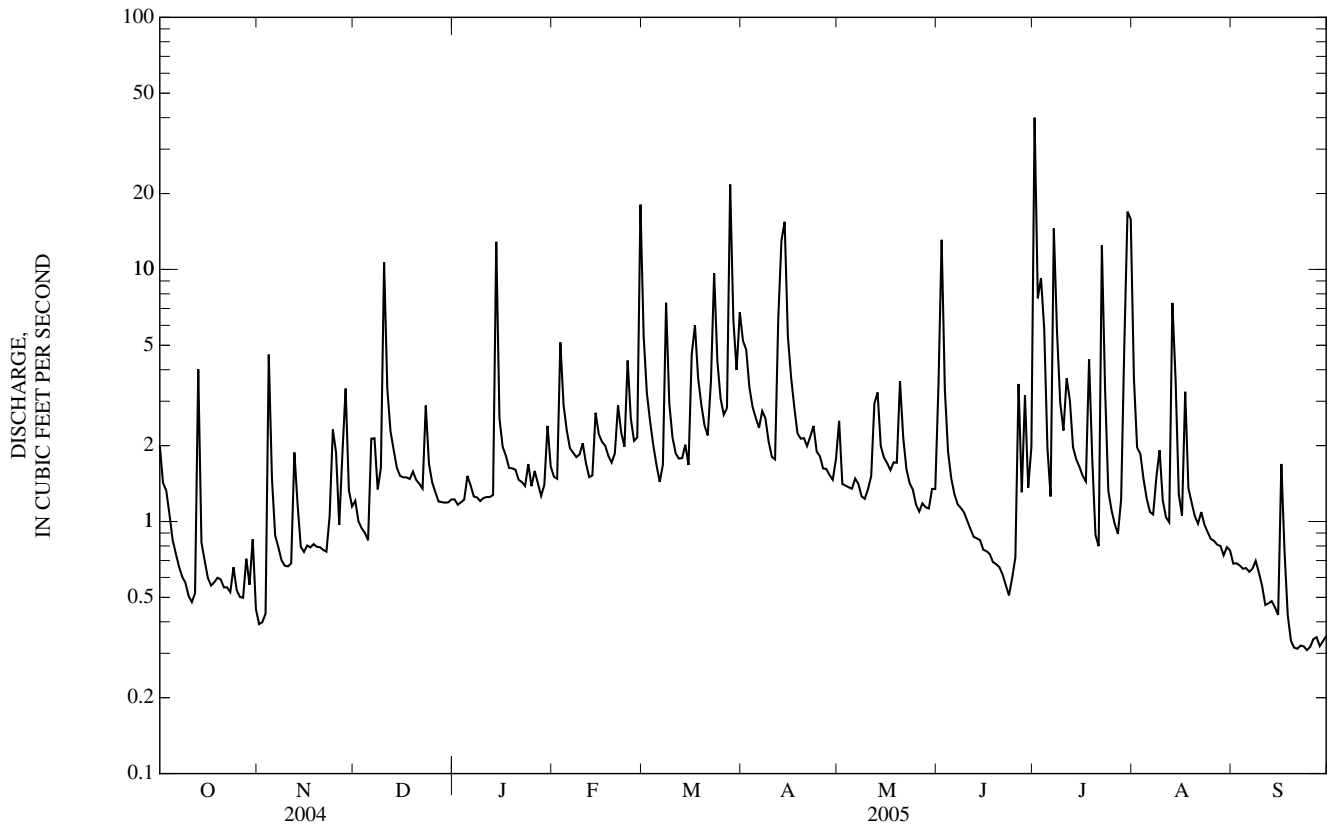
0212419274 CODDLE CREEK AT SECONDARY ROAD 1612 NEAR DAVIDSON, NC—Continued



0212427947 REEDY CREEK AT SECONDARY ROAD 2803 NEAR CHARLOTTE, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 2002 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 693.19 | | 825.41 | | 2.57 | |
| ANNUAL MEAN | 1.89 | | 2.26 | | 0.56 | |
| HIGHEST ANNUAL MEAN | | | | | 5.63 | 2003 |
| LOWEST ANNUAL MEAN | | | | | 0.56 | 2002 |
| HIGHEST DAILY MEAN | 75 | Sep 28 | 40 | Jul 1 | 150 | Jul 17, 2003 |
| LOWEST DAILY MEAN | 0.19 | Aug 10 | 0.31 | Sep 21 | 0.00 | Jul 30, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 0.31 | Jul 4 | 0.32 | Sep 19 | 0.01 | Jul 27, 2002 |
| MAXIMUM PEAK FLOW | | | NOT DETERMINED | | NOT DETERMINED | |
| MAXIMUM PEAK STAGE | | | 7.81 | | 8.13 | Jul 17, 2003 |
| INSTANTANEOUS LOW FLOW | | | 0.26* | | 0.00* | Jul 30, 2002 |
| ANNUAL RUNOFF (INCHES) | 10.31 | | 12.28 | | 13.99 | |
| 10 PERCENT EXCEEDS | 2.9 | | 3.8 | | 4.3 | |
| 50 PERCENT EXCEEDS | 0.97 | | 1.4 | | 0.99 | |
| 90 PERCENT EXCEEDS | 0.45 | | 0.57 | | 0.14 | |

* See REMARKS.
e Estimated.



0212433550 ROCKY RIVER ABOVE IRISH BUFFALO CREEK NEAR ROCKY RIVER, NC

LOCATION.--Lat 35°19'18", long 80°32'27", Cabarrus County, Hydrologic Unit 03040105, on left bank at end of maintenance road located within Rocky River Wastewater Treatment Facility, 0.40 mi above confluence with Irish Buffalo Creek, and 1.9 mi northeast of Rocky River.

DRAINAGE AREA.--278 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 2000 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 494.26 ft above North American Vertical Datum of 1988, from levels. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Site is affected by variable backwater conditions at high flow; therefore, a peak flow was not determined for current water year and period of record. Missing discharge values on the daily values table are days when the flow exceeded the rating. A daily average of 14.2 ft³/s of treated effluent from the Mallard Creek Wastewater Treatment Plant was discharged into the river approximately 7 mi upstream of the gaging station. A daily average of 4.2 ft³/s of treated effluent from the Mooresville Wastewater Treatment Plant was discharged into the river approximately 15 mi upstream of the gaging station. Minimum discharge for period of record and current water year affected by regulation. Minimum discharge for period of record also occurred Aug. 14, 2002.

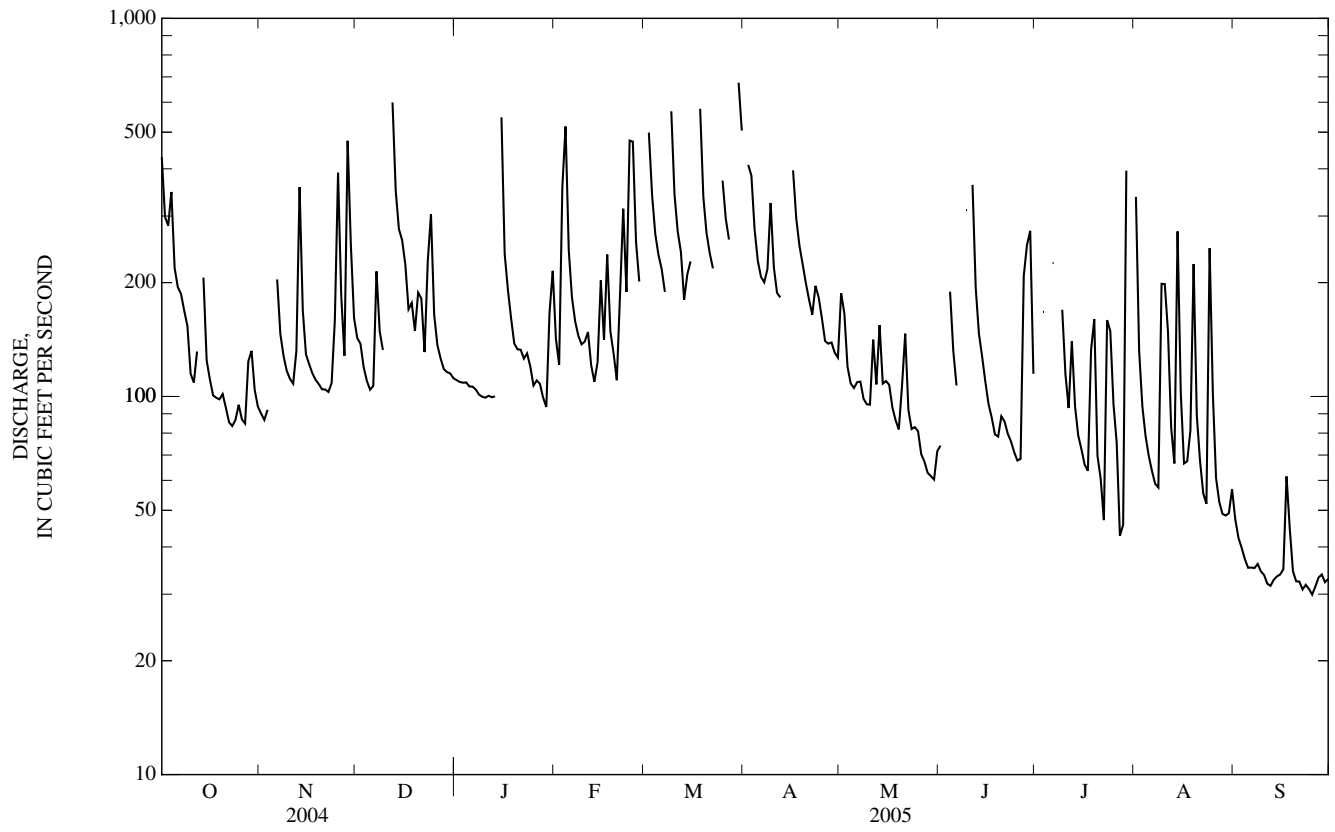
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|------|-----|
| 1 | 429 | 90 | 143 | 110 | 142 | --- | --- | 188 | 74 | --- | 337 | 47 |
| 2 | 299 | 87 | 138 | 109 | 121 | 499 | 410 | 166 | --- | --- | e132 | 42 |
| 3 | 283 | 92 | 120 | 109 | 359 | 342 | 384 | 120 | --- | 167 | 94 | 40 |
| 4 | 347 | --- | 110 | 109 | 518 | 269 | 276 | 108 | 189 | --- | 79 | 37 |
| 5 | 219 | --- | 104 | 106 | 244 | 237 | 228 | 105 | 132 | --- | 70 | 35 |
| 6 | 195 | 204 | 107 | 106 | 183 | 217 | 207 | 109 | 107 | 225 | 64 | 35 |
| 7 | 187 | 146 | 214 | 104 | 158 | 189 | 200 | 109 | --- | --- | 59 | 35 |
| 8 | 169 | 128 | 149 | 101 | 145 | --- | 217 | 99 | --- | --- | 57 | 36 |
| 9 | 154 | 117 | 133 | 100 | 137 | 568 | 325 | 95 | 311 | 170 | 199 | 34 |
| 10 | 115 | 111 | --- | 99 | 140 | 343 | 220 | 95 | --- | 114 | 198 | 34 |
| 11 | 109 | 108 | --- | 100 | 148 | 273 | 188 | 141 | 363 | 93 | 148 | 32 |
| 12 | 132 | 132 | 599 | 100 | 121 | 241 | 183 | 108 | 194 | 140 | 83 | 32 |
| 13 | --- | 358 | 350 | 100 | 109 | 180 | --- | 154 | 147 | 94 | 66 | 33 |
| 14 | 206 | 169 | 277 | --- | 123 | 210 | --- | 108 | 128 | 79 | 273 | 33 |
| 15 | 125 | 129 | 259 | 547 | 203 | 228 | --- | 110 | 109 | 73 | 102 | 34 |
| 16 | 111 | 122 | 223 | 238 | 141 | --- | 396 | 107 | 95 | 66 | 66 | 35 |
| 17 | 101 | 115 | 170 | 192 | 237 | --- | 295 | 93 | 88 | 64 | 67 | 61 |
| 18 | 99 | 111 | 177 | 161 | 149 | 576 | 250 | 87 | 79 | 133 | 81 | 45 |
| 19 | 98 | 108 | 149 | 138 | 130 | 337 | 224 | 82 | 78 | 160 | 224 | 35 |
| 20 | 101 | 104 | 188 | 133 | 110 | 270 | 199 | 107 | 89 | 70 | 89 | 32 |
| 21 | 93 | 104 | 182 | 133 | 186 | 239 | 180 | 147 | 86 | 61 | 68 | 32 |
| 22 | 85 | 103 | 131 | 126 | 314 | 218 | 165 | 92 | 80 | 47 | 55 | 31 |
| 23 | 84 | 109 | 228 | e130 | 189 | --- | 196 | 82 | 76 | 159 | 52 | 32 |
| 24 | 87 | 159 | 304 | e120 | 475 | --- | 183 | 83 | 71 | e149 | 247 | 31 |
| 25 | 95 | 390 | 165 | 107 | 472 | 372 | 161 | 81 | 68 | e95 | 102 | 30 |
| 26 | 87 | 185 | 137 | 110 | 256 | 295 | 140 | 70 | 68 | e75 | 61 | 31 |
| 27 | 85 | 128 | 126 | 108 | 201 | 260 | 138 | 67 | 209 | 43 | 53 | 33 |
| 28 | 124 | 474 | 118 | 99 | --- | --- | 139 | 63 | 251 | 46 | 49 | 34 |
| 29 | 132 | 251 | 116 | 94 | --- | --- | 130 | 62 | 274 | 396 | 48 | 32 |
| 30 | 104 | 161 | 115 | 167 | --- | 676 | 127 | 60 | 115 | --- | 49 | 33 |
| 31 | 94 | --- | 112 | 215 | --- | 505 | --- | 72 | --- | --- | 57 | --- |

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 2000 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| LOWEST DAILY MEAN | 33 | Jun 13 | 30 | Sep 25 | 13 | Aug 13, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 43 | Jun 2 | 31 | Sep 20 | 14 | Aug 9, 2002 |
| MAXIMUM PEAK STAGE | | | 14.06 | Mar 28 | 23.21 | Apr 11, 2003 |
| INSTANTANEOUS LOW FLOW | | | 43 | Sep 6 | 11* | Aug 13, 2002 |

* See REMARKS.
e Estimated.

0212433550 ROCKY RIVER ABOVE IRISH BUFFALO CREEK NEAR ROCKY RIVER, NC—Continued



0212433550 ROCKY RIVER ABOVE IRISH BUFFALO CREEK NEAR ROCKY RIVER, NC—Continued

PRECIPITATION RECORDS

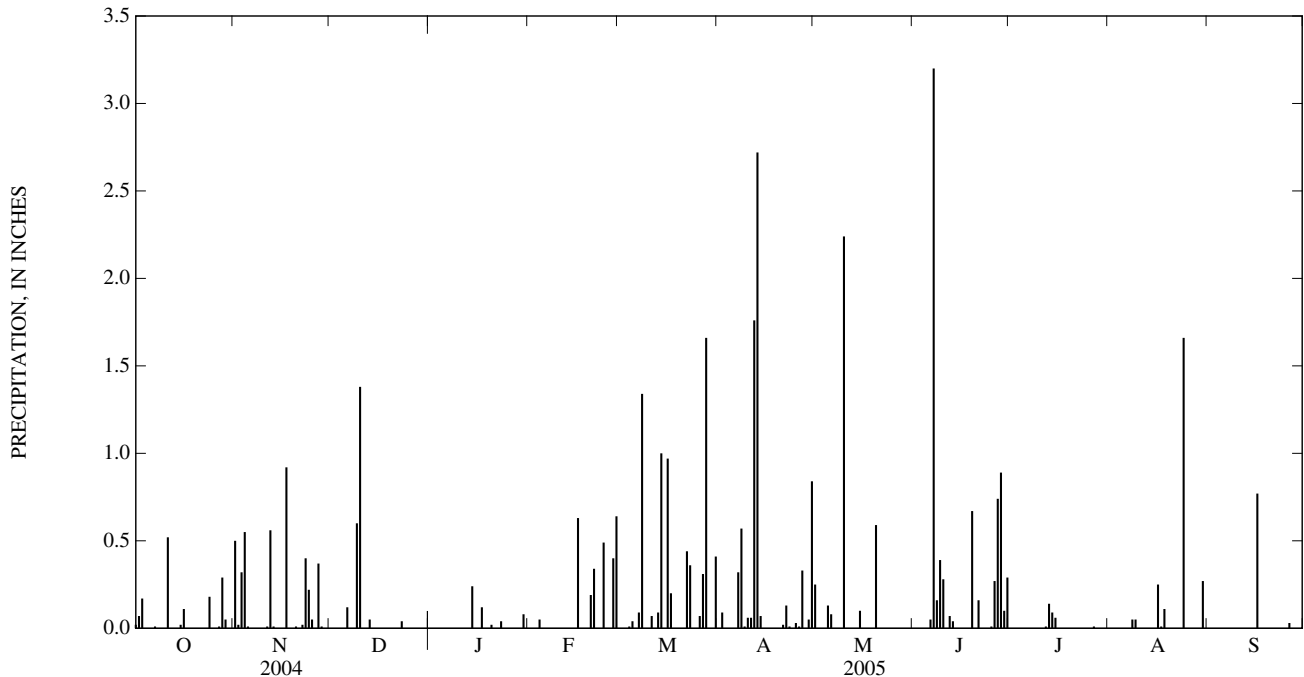
PERIOD OF RECORD.--August 2004 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.02 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.25 | 0.00 | --- | --- | 0.00 |
| 2 | 0.07 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | --- | --- | 0.00 |
| 3 | 0.17 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 |
| 4 | 0.00 | 0.55 | 0.00 | 0.00 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 |
| 5 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.13 | 0.00 | --- | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.05 | --- | 0.00 | 0.00 |
| 7 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.32 | 0.00 | 3.20 | --- | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.34 | 0.57 | 0.00 | 0.16 | --- | 0.05 | 0.00 |
| 9 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.39 | --- | 0.05 | 0.00 |
| 10 | 0.00 | 0.00 | 1.38 | 0.00 | 0.00 | 0.00 | 0.06 | 2.24 | 0.28 | --- | 0.00 | 0.00 |
| 11 | 0.52 | 0.01 | 0.00 | 0.00 | 0.00 | 0.07 | 0.06 | 0.00 | 0.00 | --- | 0.00 | 0.00 |
| 12 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0.00 | 1.76 | --- | 0.07 | 0.01 | 0.00 | 0.00 |
| 13 | --- | 0.01 | 0.05 | 0.00 | --- | 0.09 | 2.72 | 0.00 | 0.04 | 0.14 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.24 | --- | 1.00 | 0.07 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 |
| 15 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.06 | 0.00 | 0.00 |
| 16 | 0.11 | 0.00 | 0.00 | 0.00 | 0.63 | 0.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.77 |
| 17 | 0.00 | 0.92 | 0.00 | 0.12 | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 | --- | 0.01 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.11 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | --- | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.02 | 0.19 | 0.00 | 0.00 | 0.59 | 0.00 | --- | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 0.00 | 0.02 | 0.00 | 0.16 | --- | 0.00 | 0.00 |
| 22 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.44 | 0.13 | 0.00 | 0.00 | --- | 0.00 | 0.00 |
| 23 | 0.00 | 0.40 | 0.04 | 0.04 | 0.00 | 0.36 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.18 | 0.22 | 0.00 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 1.66 | 0.00 |
| 25 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.01 | --- | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.01 | 0.00 | 0.27 | --- | 0.00 | 0.03 |
| 27 | 0.01 | 0.37 | 0.00 | 0.00 | 0.40 | 0.31 | 0.33 | 0.00 | 0.74 | 0.01 | 0.00 | 0.00 |
| 28 | 0.29 | 0.01 | 0.00 | 0.00 | 0.64 | 1.66 | 0.00 | 0.00 | 0.89 | --- | 0.00 | 0.00 |
| 29 | 0.05 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.05 | 0.00 | 0.10 | --- | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.08 | --- | 0.00 | 0.84 | 0.00 | 0.29 | --- | 0.27 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.41 | --- | 0.00 | --- | --- | 0.00 | --- |
| TOTAL | --- | 3.98 | 2.19 | 0.50 | --- | 7.06 | --- | --- | 7.32 | --- | --- | 0.80 |



0212466000 CLEAR CREEK AT SECONDARY ROAD 3181 NEAR MINT HILL, NC

LOCATION.--Lat 35°12'30", long 80°34'48", Mecklenburg County, Hydrologic Unit 03040105, on right bank at wingwall on Secondary Road 3181, 4.25 mi northeast of Mint Hill.

DRAINAGE AREA.--12.6 mi².

PERIOD OF RECORD.--October 2002 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 558.29 ft above North American Vertical Datum of 1988, from levels. Radio telemetry at station.

REMARKS.--Records fair, except those for estimated daily discharges, which are poor. Minimum discharge for period of record also occurred on Oct. 9, 2002, Sept. 22, 2003. Minimum discharge for current water year also occurred Sept. 25, 26, 28-30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 8.4 | 7.3 | 6.0 | 3.7 | 10 | 29 | 16 | 7.4 | 5.0 | 2.6 | 6.2 | 0.86 |
| 2 | 7.4 | 6.8 | 5.4 | 3.6 | 10 | 18 | e12 | 5.7 | 190 | 4.4 | 3.4 | 0.78 |
| 3 | 6.8 | 6.7 | 5.0 | 3.6 | 25 | 14 | e9.4 | 5.1 | 18 | 2.8 | 2.8 | 0.69 |
| 4 | 6.8 | 14 | 4.6 | 3.6 | 19 | 13 | 8.6 | 4.8 | 10 | 2.7 | 2.4 | 0.61 |
| 5 | 6.9 | 9.0 | 4.4 | 3.5 | 14 | 12 | 7.7 | 4.9 | 7.8 | 2.4 | 2.2 | 0.62 |
| 6 | 6.8 | 6.0 | 4.6 | 3.5 | 12 | 10 | 7.2 | 5.2 | 48 | 2.2 | 2.1 | 0.68 |
| 7 | 6.7 | 5.5 | 5.7 | 3.3 | 11 | 10 | 7.0 | 4.8 | 23 | 5.7 | 2.0 | 0.65 |
| 8 | 6.7 | 5.4 | 4.6 | 3.3 | 11 | 29 | 7.2 | 4.5 | 8.2 | 4.6 | 1.9 | 0.59 |
| 9 | 6.7 | 5.0 | 4.3 | 3.4 | 11 | 16 | 7.2 | 4.2 | 6.4 | 2.8 | 2.0 | 0.68 |
| 10 | 6.5 | 4.8 | 18 | 3.4 | 10 | 12 | 7.0 | 4.1 | 5.8 | 2.4 | 1.9 | 0.72 |
| 11 | 6.4 | 5.0 | 10 | 3.3 | 10 | 11 | 7.0 | 5.0 | 4.9 | 2.4 | 1.7 | 0.51 |
| 12 | 6.3 | 7.0 | 6.7 | 3.1 | 9.8 | 9.7 | 25 | 7.5 | 4.7 | 2.2 | 1.6 | 0.43 |
| 13 | 56 | 8.1 | 5.7 | 3.0 | 9.7 | 9.0 | 84 | 8.6 | 4.7 | 1.9 | 1.5 | 0.41 |
| 14 | e10 | 5.8 | 4.9 | 69 | 13 | e8.7 | 67 | 4.9 | 4.9 | 2.1 | 1.8 | 0.43 |
| 15 | e8.2 | 5.6 | 4.5 | 18 | 14 | 8.0 | 17 | 4.3 | 4.5 | 1.9 | 1.4 | 0.39 |
| 16 | e6.8 | 5.4 | e4.4 | 14 | 12 | e29 | 12 | 4.1 | 3.6 | 1.9 | 1.1 | 0.46 |
| 17 | e5.9 | 5.4 | e4.4 | 12 | 11 | 47 | 9.9 | 3.8 | 3.3 | 1.8 | 1.0 | 0.69 |
| 18 | e5.5 | 5.4 | 4.2 | 11 | 10 | 18 | 8.9 | 3.5 | 3.3 | 1.7 | 1.6 | 0.44 |
| 19 | e5.4 | 5.1 | 4.2 | 11 | 10 | 13 | 8.0 | 3.5 | 3.2 | 1.6 | 1.3 | 0.36 |
| 20 | e5.4 | 4.9 | 4.0 | 11 | 11 | 10 | 7.4 | 6.6 | 3.2 | 2.1 | 0.99 | 0.37 |
| 21 | e5.5 | 4.7 | 3.8 | 10 | 15 | 8.7 | 6.9 | 4.3 | 3.1 | 1.6 | 0.88 | 0.39 |
| 22 | 5.5 | 4.6 | 3.9 | 9.9 | e14 | 8.2 | 6.5 | 3.5 | 2.9 | 1.5 | 0.80 | 0.34 |
| 23 | 5.4 | 6.7 | 6.6 | e9.8 | 12 | 23 | 6.6 | 3.4 | 2.6 | 1.5 | 0.84 | 0.29 |
| 24 | 5.7 | 6.6 | 5.3 | e9.6 | 25 | 12 | 6.2 | 3.2 | 2.4 | 1.4 | 0.95 | 0.28 |
| 25 | 5.8 | 8.6 | 4.3 | 9.9 | 18 | 9.4 | 6.1 | 3.0 | 2.3 | 1.2 | 0.88 | 0.27 |
| 26 | 5.5 | 5.4 | 4.1 | 9.8 | 14 | 7.8 | 5.9 | 2.9 | 2.4 | 1.2 | 0.74 | 0.27 |
| 27 | 6.0 | 4.9 | 3.9 | 9.3 | 12 | 7.3 | 6.0 | 3.0 | 2.7 | 1.1 | 0.70 | 0.30 |
| 28 | 7.9 | 14 | 3.9 | 8.7 | 124 | 193 | 5.6 | 2.9 | 5.3 | 21 | 0.69 | 0.28 |
| 29 | 7.2 | 7.2 | 4.0 | 9.1 | --- | 22 | 5.5 | 2.9 | 3.7 | 26 | 0.68 | 0.28 |
| 30 | 7.4 | 6.0 | 3.9 | 13 | --- | 12 | 6.2 | 3.6 | 2.7 | 16 | 0.77 | 0.28 |
| 31 | 7.4 | --- | 3.8 | 12 | --- | 20 | --- | 3.4 | --- | 20 | 0.88 | --- |
| TOTAL | 254.9 | 196.9 | 163.1 | 301.4 | 477.5 | 649.8 | 397.0 | 138.6 | 392.6 | 144.7 | 49.70 | 14.35 |
| MEAN | 8.22 | 6.56 | 5.26 | 9.72 | 17.1 | 21.0 | 13.2 | 4.47 | 13.1 | 4.67 | 1.60 | 0.48 |
| MAX | 56 | 14 | 18 | 69 | 124 | 193 | 84 | 8.6 | 190 | 26 | 6.2 | 0.86 |
| MIN | 5.4 | 4.6 | 3.8 | 3.0 | 9.7 | 7.3 | 5.5 | 2.9 | 2.3 | 1.1 | 0.68 | 0.27 |
| CFM | 0.65 | 0.52 | 0.42 | 0.77 | 1.35 | 1.66 | 1.05 | 0.35 | 1.04 | 0.37 | 0.13 | 0.04 |
| IN. | 0.75 | 0.58 | 0.48 | 0.89 | 1.41 | 1.92 | 1.17 | 0.41 | 1.16 | 0.43 | 0.15 | 0.04 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

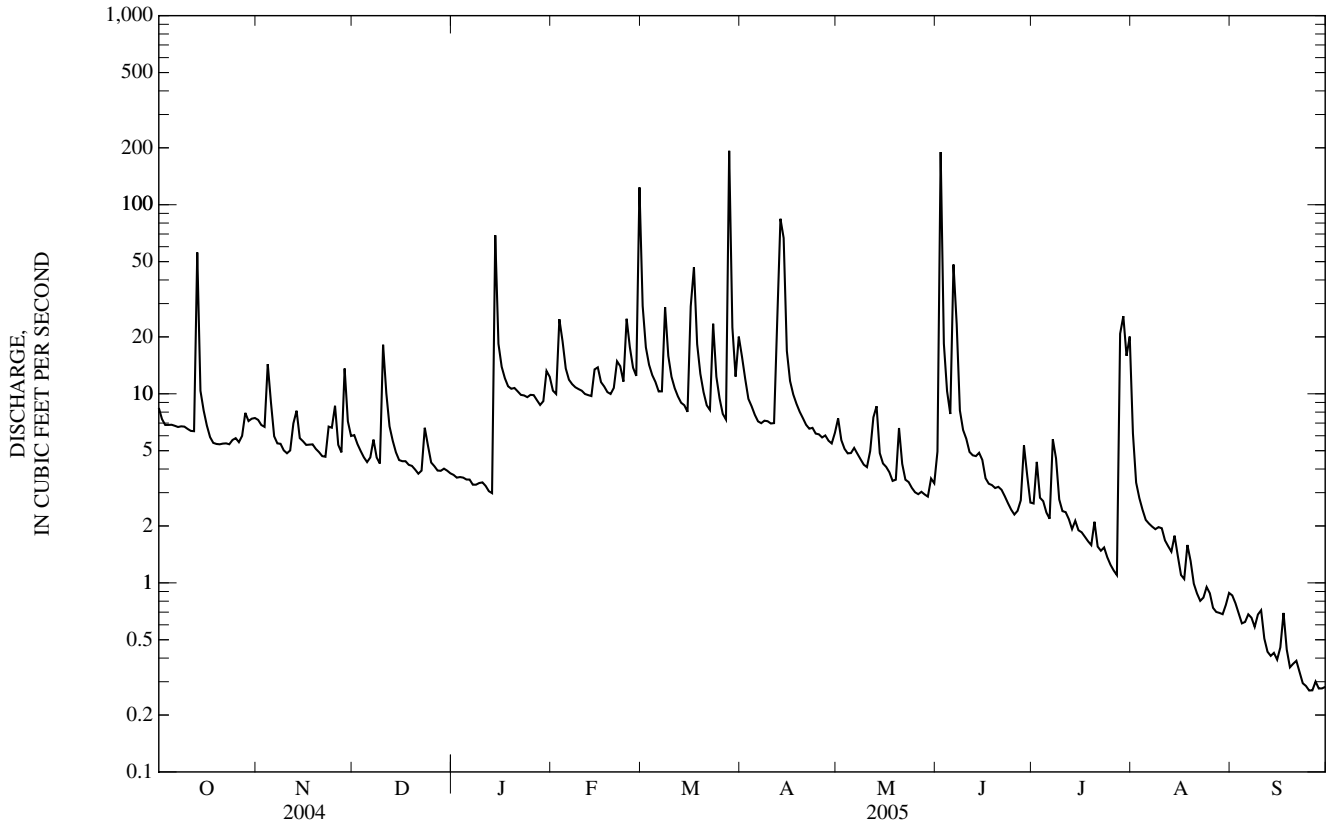
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 6.30 | 7.39 | 11.4 | 6.71 | 15.7 | 24.0 | 25.3 | 15.1 | 23.9 | 10.5 | 5.53 | 11.0 |
| MAX | 8.22 | 11.4 | 23.2 | 9.72 | 19.9 | 41.9 | 58.7 | 39.2 | 56.9 | 20.8 | 11.9 | 29.2 |
| (WY) | (2005) | (2003) | (2003) | (2005) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2004) |
| MIN | 3.90 | 4.17 | 5.26 | 3.70 | 10.2 | 9.15 | 3.89 | 1.69 | 1.88 | 4.67 | 1.60 | 0.48 |
| (WY) | (2004) | (2004) | (2005) | (2004) | (2004) | (2004) | (2004) | (2004) | (2004) | (2005) | (2005) | (2005) |

0212466000 CLEAR CREEK AT SECONDARY ROAD 3181 NEAR MINT HILL, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 2003 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 2,689.92 | | 3,180.55 | | 13.5 | |
| ANNUAL MEAN | 7.35 | | 8.71 | | 6.81 | |
| HIGHEST ANNUAL MEAN | | | | | 25.0 | 2003 |
| LOWEST ANNUAL MEAN | | | | | 6.81 | 2004 |
| HIGHEST DAILY MEAN | 348 | Sep 28 | 193 | Mar 28 | 646 | Apr 10, 2003 |
| LOWEST DAILY MEAN | 0.59 | Jul 16 | 0.27 | Sep 25 | 0.20 | Oct 9, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 0.80 | May 29 | 0.28 | Sep 24 | 0.28 | Oct 3, 2002 |
| MAXIMUM PEAK FLOW | | | 936 | Jun 2 | | |
| MAXIMUM PEAK STAGE | | | 6.22 | Jun 2 | 10.92 | Sep 28, 2004 |
| INSTANTANEOUS LOW FLOW | | | 0.24* | Sep 24 | 0.13* | Oct 8, 2002 |
| ANNUAL RUNOFF (CFSM) | 0.583 | | 0.692 | | 1.07 | |
| ANNUAL RUNOFF (INCHES) | 7.94 | | 9.39 | | 14.57 | |
| 10 PERCENT EXCEEDS | 9.0 | | 14 | | 20 | |
| 50 PERCENT EXCEEDS | 3.9 | | 5.4 | | 4.8 | |
| 90 PERCENT EXCEEDS | 1.0 | | 0.85 | | 1.2 | |

* See REMARKS.

e Estimated.



0212467595 GOOSE CREEK NEAR INDIAN TRAIL, NC

LOCATION.--Lat 35°07'30", long 80°36'10", Union County, Hydrologic Unit 03040105, on left upstream wingwall on Secondary Road 1525, 4.9 mi northwest of Indian Trail.

DRAINAGE AREA.--11.0 mi².

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 549.82 ft above North American Vertical Datum of 1988, from levels. Satellite telemetry at site.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Minimum discharge for current water year and period of record affected by regulation of unknown origin. Minimum discharge for period of record also occurred July 11, 2004.

REVISIONS.--The maximum discharge for the water year 2004 has been revised to 2,830 ft³/s, Sept. 28, 2004, gage height, 9.64 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| 1 | 5.4 | 2.8 | 3.3 | 3.6 | 3.3 | 21 | 22 | 6.2 | 5.3 | 3.8 | 5.1 | 1.5 |
| 2 | 5.7 | 2.7 | 2.9 | 3.6 | 3.0 | 10 | 16 | 3.7 | 484 | 4.0 | 3.6 | 1.3 |
| 3 | 12 | 2.8 | 2.8 | 3.6 | 32 | 7.1 | 11 | 3.4 | 23 | 3.6 | 3.1 | 1.0 |
| 4 | 6.3 | 11 | 2.7 | 3.6 | 12 | 5.8 | 8.4 | 3.6 | 12 | 3.7 | 2.9 | 1.1 |
| 5 | 3.9 | 4.6 | 2.6 | 3.7 | 5.7 | 5.2 | 7.2 | 3.2 | 7.8 | 3.5 | 2.8 | 0.94 |
| 6 | 6.6 | 2.6 | 4.3 | 3.8 | 4.5 | 4.7 | 6.3 | 3.5 | 6.3 | 3.4 | 2.8 | 1.1 |
| 7 | 6.0 | 2.5 | 5.2 | 3.7 | 4.1 | 4.6 | 6.5 | 3.2 | 8.0 | 38 | 2.6 | 0.96 |
| 8 | 3.5 | 2.4 | 3.1 | 3.7 | 4.0 | 40 | 6.4 | 3.1 | 7.2 | e8.3 | 2.7 | 0.99 |
| 9 | 2.8 | 2.3 | 3.7 | 3.8 | 3.8 | 16 | 6.0 | 2.7 | 6.5 | e4.0 | 2.7 | 0.96 |
| 10 | 2.8 | 2.3 | 31 | 3.8 | 3.6 | 12 | 4.8 | 3.3 | 9.7 | e3.5 | 2.7 | 0.89 |
| 11 | 2.8 | 2.4 | 12 | 3.8 | 3.2 | 9.5 | 4.6 | 4.9 | 9.0 | e3.1 | 2.4 | 0.97 |
| 12 | 2.7 | 4.8 | 5.6 | 3.8 | 3.2 | 5.2 | 14 | 7.2 | 4.2 | e3.0 | 2.4 | 0.97 |
| 13 | 25 | 3.8 | 4.9 | 3.7 | 3.1 | 4.7 | 67 | 9.5 | 4.0 | e4.3 | 2.4 | 0.92 |
| 14 | 3.8 | 2.5 | 8.0 | 100 | 11 | 4.6 | 86 | 3.4 | 4.0 | 3.7 | 6.5 | 0.91 |
| 15 | 3.2 | 2.4 | 7.3 | 10 | 7.7 | 4.2 | 18 | 3.1 | 4.7 | 2.9 | 3.9 | 0.97 |
| 16 | 3.0 | 2.4 | 7.0 | 5.6 | 4.7 | 46 | 11 | 2.9 | 3.6 | 2.8 | 2.9 | 0.95 |
| 17 | 2.9 | 2.4 | 4.0 | 4.4 | 4.1 | 49 | 8.5 | 2.6 | 3.4 | 2.7 | 2.3 | 1.0 |
| 18 | 2.9 | 2.4 | 3.7 | 3.7 | 3.6 | 15 | 7.4 | 2.5 | 3.2 | 2.5 | 16 | 1.3 |
| 19 | 3.0 | 2.4 | 3.6 | 3.4 | 3.4 | 9.5 | 6.4 | 2.5 | 3.1 | 2.3 | 3.4 | 2.4 |
| 20 | 3.0 | 2.5 | 3.5 | 3.5 | 7.6 | 7.3 | 5.8 | 26 | 3.0 | 3.8 | 2.0 | 2.7 |
| 21 | 2.9 | 2.5 | 3.5 | 3.2 | 20 | 6.1 | 4.7 | 4.7 | 2.8 | 5.8 | 1.8 | 2.1 |
| 22 | 2.9 | 2.5 | 3.5 | 3.0 | 13 | 6.9 | 4.4 | 3.3 | 2.8 | 4.1 | 1.6 | 1.1 |
| 23 | 2.9 | 7.2 | 5.1 | 2.9 | 5.1 | 29 | 4.5 | 3.0 | 2.7 | 2.7 | 1.6 | 1.2 |
| 24 | 3.1 | 4.1 | 4.1 | 2.7 | 27 | 11 | 4.1 | 2.6 | 2.6 | 2.1 | 1.9 | 1.1 |
| 25 | 3.1 | 4.6 | 3.7 | 2.7 | 10 | 7.2 | 3.9 | 2.4 | 2.6 | 2.0 | 1.6 | 1.2 |
| 26 | 2.9 | 2.7 | 3.6 | 2.7 | 6.0 | 6.2 | 3.8 | 2.3 | 3.2 | 1.9 | 1.5 | 1.3 |
| 27 | 2.9 | 2.8 | 3.6 | 2.6 | 5.2 | 6.1 | 3.8 | 2.3 | 3.9 | 1.8 | 2.3 | 1.4 |
| 28 | 3.0 | 22 | 3.5 | 2.4 | 129 | 178 | 3.3 | 2.2 | 21 | 47 | 1.6 | 1.3 |
| 29 | 3.0 | 3.6 | 3.5 | 2.7 | --- | 21 | 3.3 | 2.2 | 5.4 | 29 | 2.3 | 1.2 |
| 30 | 2.9 | 3.0 | 3.6 | 7.5 | --- | 12 | 4.2 | 3.4 | 4.1 | 37 | 2.1 | 1.3 |
| 31 | 2.9 | --- | 3.6 | 4.5 | --- | 41 | --- | 2.8 | --- | 16 | 2.1 | --- |
| TOTAL | 139.8 | 119.0 | 162.5 | 215.7 | 342.9 | 605.9 | 363.3 | 131.7 | 663.1 | 256.3 | 95.6 | 37.03 |
| MEAN | 4.51 | 3.97 | 5.24 | 6.96 | 12.2 | 19.5 | 12.1 | 4.25 | 22.1 | 8.27 | 3.08 | 1.23 |
| MAX | 25 | 22 | 31 | 100 | 129 | 178 | 86 | 26 | 484 | 47 | 16 | 2.7 |
| MIN | 2.7 | 2.3 | 2.6 | 2.4 | 3.0 | 4.2 | 3.3 | 2.2 | 2.6 | 1.8 | 1.5 | 0.89 |
| CFSM | 0.41 | 0.36 | 0.48 | 0.63 | 1.11 | 1.78 | 1.10 | 0.39 | 2.01 | 0.75 | 0.28 | 0.11 |
| IN. | 0.47 | 0.40 | 0.55 | 0.73 | 1.16 | 2.05 | 1.23 | 0.45 | 2.24 | 0.87 | 0.32 | 0.13 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

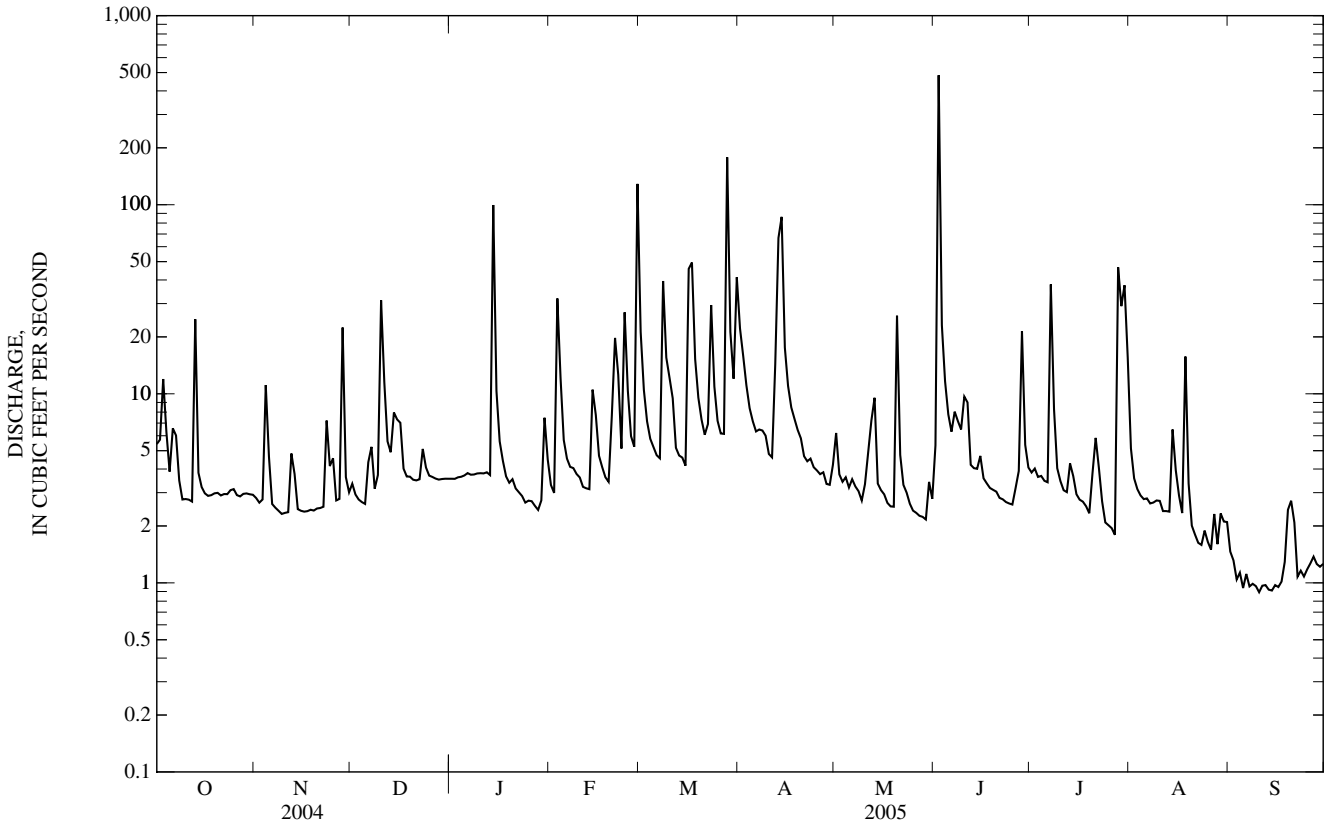
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 3.96 | 3.52 | 4.95 | 5.27 | 11.2 | 14.2 | 8.54 | 3.24 | 13.5 | 5.71 | 5.03 | 22.0 |
| MAX | 4.51 | 3.97 | 5.24 | 6.96 | 12.2 | 19.5 | 12.1 | 4.25 | 22.1 | 8.27 | 6.97 | 42.7 |
| (WY) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2005) | (2004) | (2004) |
| MIN | 3.41 | 3.08 | 4.66 | 3.59 | 10.2 | 8.82 | 4.97 | 2.24 | 4.86 | 3.16 | 3.08 | 1.23 |
| (WY) | (2004) | (2004) | (2004) | (2004) | (2004) | (2004) | (2004) | (2004) | (2004) | (2004) | (2005) | (2005) |

0212467595 GOOSE CREEK NEAR INDIAN TRAIL, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 2004 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 3,062.93 | | 3,132.83 | | 8.37 | |
| ANNUAL MEAN | 8.37 | | 8.58 | | 8.58 | |
| HIGHEST ANNUAL MEAN | | | | | 8.15 | |
| LOWEST ANNUAL MEAN | | | | | 2004 | |
| HIGHEST DAILY MEAN | 484 | Sep 28 | 484 | Jun 2 | 484 | Sep 28, 2004 |
| LOWEST DAILY MEAN | 0.72 | Jul 10 | 0.89 | Sep 10 | 0.72 | Jul 10, 2004 |
| ANNUAL SEVEN-DAY MINIMUM | 1.1 | Jun 1 | 0.94 | Sep 10 | 0.94 | Sep 10, 2005 |
| MAXIMUM PEAK FLOW | | | 2,290 | Jun 2 | 2,830 | Sep 28, 2004 |
| MAXIMUM PEAK STAGE | | | 8.92 | Jun 2 | 9.64 | Sep 28, 2004 |
| INSTANTANEOUS LOW FLOW | | | 0.69* | Sep 5 | 0.54* | Jul 10, 2004 |
| ANNUAL RUNOFF (CF5M) | 0.761 | | 0.780 | | 0.761 | |
| ANNUAL RUNOFF (INCHES) | 10.36 | | 10.59 | | 10.34 | |
| 10 PERCENT EXCEEDS | 9.9 | | 12 | | 11 | |
| 50 PERCENT EXCEEDS | 3.4 | | 3.6 | | 3.5 | |
| 90 PERCENT EXCEEDS | 1.4 | | 2.0 | | 1.6 | |

* See REMARKS.

e Estimated.



02124692 GOOSE CREEK AT FAIRVIEW, NC

LOCATION.--Lat 35°09'13", long 80°32'07", Union County, Hydrologic Unit 03040105, on right bank at downstream side of culvert on U.S. Highway 601, 1.0 mi north of Fairview, and 2.0 mi above Duck Creek.

DRAINAGE AREA.--24.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1999 to current year.

REVISED RECORDS.--WSP 822: Drainage area. WSP 852: 1935-37(m). WDR NC-03-1B: 2000(M), 2001(M).

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 472.67 ft above North American Vertical Datum of 1988, from levels. Satellite telemetry at station.

REMARKS.--Records good except those for estimated discharges, which are poor. Maximum peak stage for current water year and period of record from crest-stage gage. Minimum discharge for current water year affected by regulation of unknown origin. No flow also occurred Aug. 12, 13, 14, 15, 16, 2002. Minimum discharge for current water year also occurred Sept. 12, 23, 24.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|---------|-------|-------|---------|-------|------|-------|
| 1 | 12 | 4.5 | 9.7 | 5.4 | 7.7 | 54 | 68 | 9.0 | 3.0 | 2.7 | 8.1 | 1.8 |
| 2 | 12 | 3.9 | 8.2 | 5.4 | 6.3 | 23 | 37 | 5.7 | e1,400 | 3.3 | 4.4 | 1.3 |
| 3 | 30 | 3.4 | 6.9 | 5.2 | 80 | 16 | 23 | 4.2 | 71 | 2.9 | 3.0 | 1.2 |
| 4 | 23 | 13 | 6.3 | 5.1 | 44 | 12 | 17 | 4.5 | 23 | 3.0 | 2.6 | 0.84 |
| 5 | 10 | 14 | 5.9 | 5.1 | 17 | 11 | 14 | 3.9 | 13 | 2.7 | 2.1 | 0.97 |
| 6 | 9.3 | 4.8 | 6.9 | 5.2 | 12 | 9.0 | 12 | 4.0 | 9.0 | 2.8 | 2.0 | 0.82 |
| 7 | 9.5 | 3.9 | 17 | 5.1 | 9.9 | 8.3 | 11 | 3.9 | 9.2 | 58 | 2.0 | 0.98 |
| 8 | 7.3 | 3.3 | 11 | 5.2 | 8.8 | 67 | 11 | 3.7 | 9.3 | 31 | 1.9 | 0.96 |
| 9 | 4.2 | 3.2 | 13 | 5.6 | 8.4 | 28 | 10 | 3.4 | 9.0 | 5.8 | 2.1 | 0.56 |
| 10 | 4.1 | 3.2 | 155 | 5.3 | 7.8 | 18 | 8.5 | 2.9 | 9.4 | 3.7 | 2.4 | 0.34 |
| 11 | 3.8 | 3.3 | 39 | 4.8 | 6.4 | 15 | 7.5 | 5.7 | 12 | 3.2 | 1.9 | 0.27 |
| 12 | 3.6 | 5.0 | 18 | 4.7 | 5.7 | 10 | 11 | 5.4 | 5.4 | 3.2 | 1.6 | 0.31 |
| 13 | 27 | 9.0 | 13 | 4.7 | 5.7 | 8.7 | 134 | 10 | 4.2 | 2.8 | 2.0 | 0.75 |
| 14 | 9.7 | 4.5 | 13 | 291 | 11 | 8.6 | 182 | 5.1 | 4.1 | 4.3 | 2.2 | 0.72 |
| 15 | 5.6 | 3.6 | 12 | 38 | 21 | 7.8 | 38 | 3.3 | 3.7 | 2.8 | 7.4 | 0.91 |
| 16 | 4.2 | 3.5 | 12 | 18 | 11 | 93 | 19 | 3.2 | 4.4 | 2.3 | 2.8 | 0.77 |
| 17 | 3.5 | 3.4 | 9.5 | 11 | 8.7 | 150 | 14 | 3.0 | 3.0 | 2.2 | 1.8 | 1.2 |
| 18 | 3.6 | 3.5 | 7.4 | 8.4 | 7.3 | 38 | 12 | 2.9 | 2.8 | 2.1 | 13 | 1.3 |
| 19 | 3.7 | 3.5 | 6.9 | 7.2 | 6.3 | 21 | 11 | 2.8 | 2.8 | 1.9 | 6.6 | 2.1 |
| 20 | 3.7 | 3.5 | 6.2 | 7.4 | 8.0 | 15 | 9.2 | 26 | 2.7 | 3.2 | 2.5 | 3.6 |
| 21 | 3.7 | 3.7 | 6.0 | 7.0 | 31 | 12 | 7.8 | 7.6 | 2.4 | 4.0 | 1.9 | 3.2 |
| 22 | 3.4 | 4.0 | 6.0 | 6.3 | 32 | 11 | 6.7 | 4.0 | 2.1 | 5.7 | 1.7 | 1.4 |
| 23 | 3.5 | 14 | 8.8 | 5.9 | 14 | 44 | 7.2 | 3.1 | 2.0 | 2.7 | 1.5 | 0.36 |
| 24 | 3.7 | 13 | 9.4 | 4.8 | 48 | 23 | 6.4 | 2.8 | 2.0 | 1.8 | 1.7 | 0.30 |
| 25 | 4.0 | 13 | 6.7 | 5.0 | 26 | 14 | 5.7 | 2.5 | 1.9 | 1.1 | 1.8 | 0.39 |
| 26 | 3.8 | 7.1 | 6.2 | 5.1 | 14 | 11 | 5.2 | 2.4 | 1.9 | 1.4 | 1.6 | 0.48 |
| 27 | 3.6 | 5.7 | 5.7 | 4.5 | 12 | 11 | 5.2 | 2.4 | 3.8 | 1.3 | 1.8 | 0.76 |
| 28 | 4.1 | 50 | 5.5 | 3.9 | 354 | e500 | 4.8 | 2.3 | 26 | 19 | 2.0 | 0.60 |
| 29 | 3.9 | 15 | 5.6 | e3.9 | --- | 60 | 4.6 | 2.3 | 10 | 56 | 1.7 | 0.64 |
| 30 | 4.1 | 9.7 | 5.8 | e12 | --- | 26 | 4.7 | 2.5 | 3.6 | 57 | 2.5 | 0.67 |
| 31 | 4.5 | --- | 5.3 | 13 | --- | 89 | --- | 3.8 | --- | 25 | 2.5 | --- |
| TOTAL | 232.1 | 235.2 | 447.9 | 519.2 | 824.0 | 1,414.4 | 707.5 | 148.3 | 1,656.7 | 318.9 | 93.1 | 30.50 |
| MEAN | 7.49 | 7.84 | 14.4 | 16.7 | 29.4 | 45.6 | 23.6 | 4.78 | 55.2 | 10.3 | 3.00 | 1.02 |
| MAX | 30 | 50 | 155 | 291 | 354 | 500 | 182 | 26 | 1,400 | 58 | 13 | 3.6 |
| MIN | 3.4 | 3.2 | 5.3 | 3.9 | 5.7 | 7.8 | 4.6 | 2.3 | 1.9 | 1.1 | 1.5 | 0.27 |
| CFSM | 0.31 | 0.33 | 0.60 | 0.70 | 1.23 | 1.90 | 0.98 | 0.20 | 2.30 | 0.43 | 0.13 | 0.04 |
| IN. | 0.36 | 0.36 | 0.69 | 0.80 | 1.28 | 2.19 | 1.10 | 0.23 | 2.57 | 0.49 | 0.14 | 0.05 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

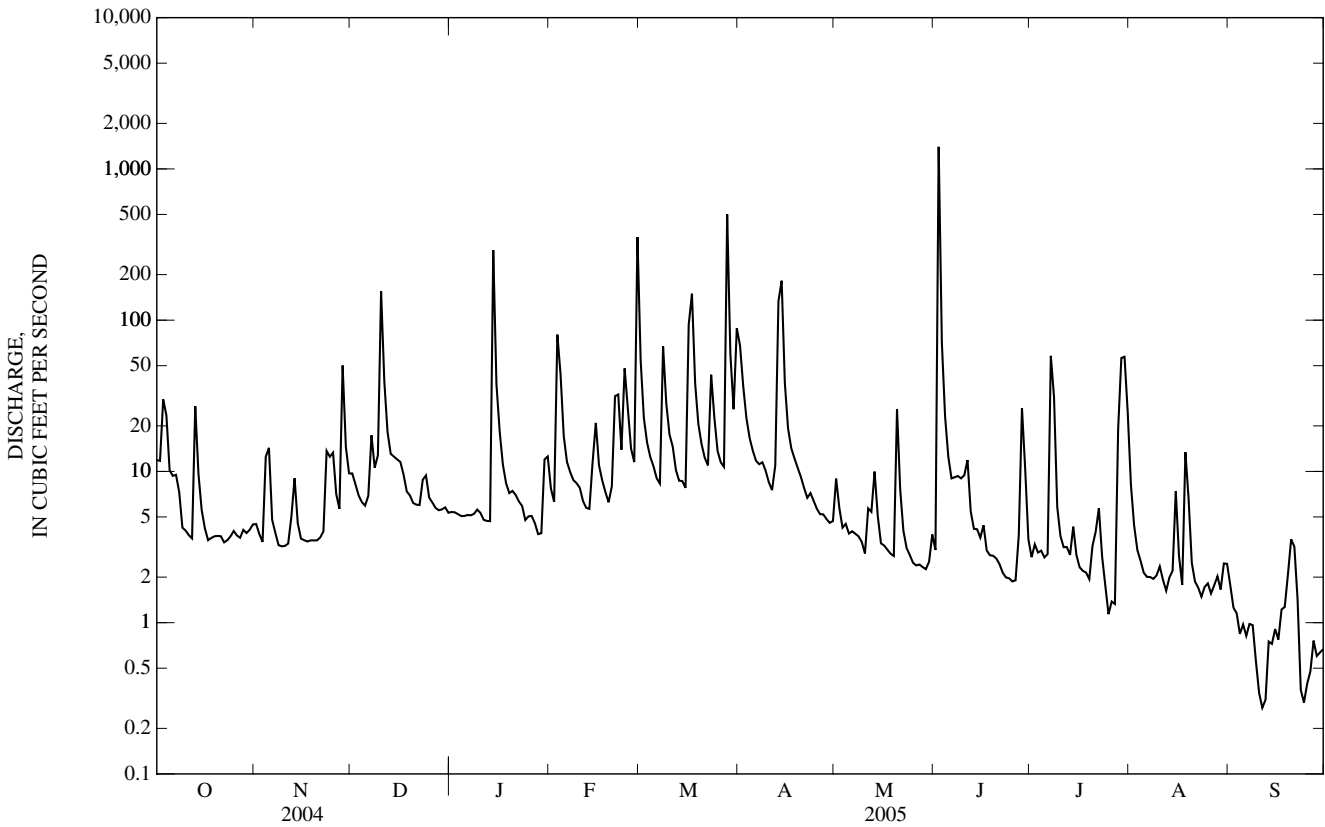
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 5.42 | 8.99 | 16.1 | 16.5 | 32.4 | 41.5 | 31.5 | 12.6 | 22.2 | 12.7 | 8.91 | 18.1 |
| MAX | 12.3 | 33.6 | 59.1 | 33.1 | 60.4 | 111 | 133 | 59.2 | 55.4 | 57.8 | 31.0 | 87.7 |
| (WY) | (2003) | (2003) | (2003) | (2000) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2003) | (2004) |
| MIN | 0.70 | 0.91 | 2.99 | 3.74 | 7.02 | 15.7 | 5.82 | 2.09 | 0.75 | 1.49 | 0.54 | 1.02 |
| (WY) | (2001) | (2002) | (2001) | (2004) | (2001) | (2000) | (2001) | (2004) | (2002) | (2001) | (2001) | (2005) |

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 2000 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 6,192.56 | | 6,627.80 | | 20.0 | |
| ANNUAL MEAN | 16.9 | | 18.2 | | 52.4 | |
| HIGHEST ANNUAL MEAN | | | | | 6.25 | |
| LOWEST ANNUAL MEAN | | | | | 2001 | |
| HIGHEST DAILY MEAN | 1,180 | Sep 28 | 1,400 | Jun 2 | 1,510 | Mar 20, 2003 |
| LOWEST DAILY MEAN | 0.22 | Jun 8 | 0.27 | Sep 11 | 0.00 | Aug 12, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 0.48 | Jun 2 | 0.50 | Sep 23 | 0.01 | Aug 10, 2002 |
| MAXIMUM PEAK FLOW | | | 2,820 | Jun 2 | 3,090 | Sep 28, 2004 |
| MAXIMUM PEAK STAGE | | | 10.03* | Jun 2 | 10.40* | Sep 28, 2004 |
| INSTANTANEOUS LOW FLOW | | | 0.20* | Sep 11 | 0.00* | Aug 11, 2002 |
| ANNUAL RUNOFF (CFSM) | 0.705 | | 0.757 | | 0.835 | |
| ANNUAL RUNOFF (INCHES) | 9.60 | | 10.27 | | 11.35 | |
| 10 PERCENT EXCEEDS | 18 | | 26 | | 33 | |
| 50 PERCENT EXCEEDS | 4.3 | | 5.4 | | 3.7 | |
| 90 PERCENT EXCEEDS | 1.2 | | 1.8 | | 0.55 | |

* See REMARKS.

e Estimated.



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2000 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1999 to current year.

pH: November 1999 to current year.

WATER TEMPERATURE: November 1999 to current year.

DISSOLVED OXYGEN: November 1999 to current year.

DISSOLVED OXYGEN, PERCENT SATURATION: November 1999 to current year.

INSTRUMENTATION.-- Water-quality monitor with satellite telemetry from November 1999 to current year, optical backscatterance sensor from April 2000 to current year.

REMARKS.--Station operated in cooperation with North Carolina Department of Transportation to characterize water-quality and suspended sediment concentrations in the Goose Creek basin. Dissolved oxygen, percent saturation, computed using barometric pressure of 747 mm Hg.

EXTREMES FOR PERIOD OF DAILY RECORD.--Extremes listed below may have been exceeded during periods of missing record.

| CONSTITUENT | MAXIMUM RECORDED | MINIMUM RECORDED |
|--|---------------------------------------|---------------------------|
| SPECIFIC CONDUCTANCE, microsiemens | 414, April 25, 2001 | 38, April 10, 2003 |
| pH, standard units | 9.1, March 24, 2004 | 0.4, February 8, 2005 |
| WATER TEMPERATURE, °C | 28.4, July 27, 2005 | 0.0, January 24, 25, 2003 |
| DISSOLVED OXYGEN, mg/L | 14.9, January 25, 28, 2003 | 2.5, August 24, 2002 |
| DISSOLVED OXYGEN, PERCENT SATURATION,% | 118, March 29, 2003, January 13, 2005 | 29, October 26, 2001 |

EXTREMES FOR CURRENT YEAR.--Extremes listed below may have been exceeded during periods of missing record.

| CONSTITUENT | MAXIMUM RECORDED | MINIMUM RECORDED |
|--|-------------------|----------------------|
| SPECIFIC CONDUCTANCE, microsiemens | 357, September 22 | 43, June 2 |
| pH, standard units | 8.9, June 27 | 0.4, February 8 |
| WATER TEMPERATURE, °C | 28.4, July 27 | 0.1, January 24 |
| DISSOLVED OXYGEN, mg/L | 14.0, January 19 | 3.4, September 27 |
| DISSOLVED OXYGEN, PERCENT SATURATION,% | 118, January 13 | 40, September 27, 28 |

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| Date | Time | Instantaneous discharge, cfs (00061) | Suspended sediment concentration mg/L (80154) | Suspended sediment discharge, tons/d (80155) | Date | Time | Instantaneous discharge, cfs (00061) | Suspended sediment concentration mg/L (80154) | Suspended sediment discharge, tons/d (80155) |
|-------|------|--------------------------------------|---|--|-------|------|--------------------------------------|---|--|
| JUN | | | | | JUL | | | | |
| 02... | 0934 | 2,540 | 359 | 2,460 | 07... | 1845 | 88 | 1,200 | 284 |
| 02... | 0940 | 2,530 | 313 | 2,140 | 07... | 1900 | 88 | 1,010 | 241 |
| 02... | 1115 | 2,650 | 165 | 1,180 | 07... | 1915 | 74 | 921 | 184 |
| | | | | | 07... | 1930 | 64 | 581 | 100 |
| | | | | | 07... | 1945 | 58 | 452 | 71 |

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
|-------|----------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 139 | 131 | 135 | 221 | 218 | 220 | 217 | 192 | 199 | 200 | 195 | 198 |
| 2 | 140 | 136 | 138 | 221 | 218 | 220 | 216 | 198 | 203 | 201 | 199 | 200 |
| 3 | 205 | 137 | 149 | 219 | 218 | 218 | 205 | 202 | 204 | 201 | 197 | 200 |
| 4 | 149 | 139 | 144 | 284 | 211 | 228 | 204 | 201 | 203 | 199 | 195 | 197 |
| 5 | 157 | 144 | 152 | 269 | 210 | 227 | 202 | 199 | 201 | 202 | 196 | 198 |
| 6 | 163 | 155 | 159 | 210 | 192 | 197 | 204 | 198 | 202 | 205 | 199 | 201 |
| 7 | --- | --- | --- | 192 | 190 | 191 | 233 | 203 | 214 | 206 | 199 | 201 |
| 8 | 143 | 138 | 141 | 205 | 191 | 197 | 209 | 198 | 202 | 205 | 198 | 202 |
| 9 | 155 | 141 | 147 | 202 | 198 | 201 | 237 | 195 | 205 | 208 | 199 | 202 |
| 10 | 163 | 155 | 160 | 209 | 192 | 204 | 237 | 136 | 160 | 209 | 197 | 202 |
| 11 | 183 | 163 | 171 | 210 | 196 | 204 | 162 | 150 | 157 | 197 | 189 | 193 |
| 12 | 200 | 183 | 192 | 216 | 187 | 204 | 172 | 162 | 166 | 200 | 190 | 194 |
| 13 | 248 | 128 | 186 | 246 | 188 | 219 | 175 | 172 | 174 | 205 | 194 | 198 |
| 14 | 146 | 129 | 138 | 218 | 184 | 205 | 179 | 174 | 176 | 202 | 106 | 138 |
| 15 | 160 | 145 | 152 | 204 | 186 | 193 | 176 | 148 | 160 | 147 | 128 | 139 |
| 16 | 169 | 159 | 165 | 187 | 169 | 183 | 153 | 145 | 150 | 157 | 147 | 150 |
| 17 | 180 | 167 | 173 | 200 | 181 | 193 | 154 | 151 | 153 | 161 | 157 | 160 |
| 18 | 184 | 179 | 181 | 216 | 191 | 211 | 162 | 154 | 160 | 171 | 160 | 167 |
| 19 | 191 | 184 | 188 | 217 | 211 | 214 | 183 | 162 | 171 | 180 | 170 | 174 |
| 20 | 198 | 191 | 196 | 212 | 210 | 211 | 188 | 182 | 184 | 182 | 177 | 179 |
| 21 | 208 | 198 | 204 | 211 | 208 | 210 | 191 | 188 | 189 | 187 | 182 | 186 |
| 22 | 207 | 206 | 206 | 209 | 208 | 208 | 195 | 189 | 193 | 187 | 183 | 184 |
| 23 | 207 | 206 | 206 | 258 | 202 | 225 | 207 | 195 | 201 | 186 | 184 | 185 |
| 24 | 206 | 201 | 203 | 228 | 218 | 224 | 206 | 197 | 201 | 187 | 184 | 186 |
| 25 | 202 | 200 | 201 | 231 | 212 | 220 | 197 | 191 | 193 | 195 | 186 | 191 |
| 26 | 203 | 202 | 203 | 212 | 204 | 209 | 196 | 191 | 192 | 200 | 189 | 195 |
| 27 | 205 | 202 | 204 | 204 | 194 | 199 | 199 | 193 | 196 | 199 | 194 | 196 |
| 28 | 209 | 201 | 205 | 248 | 164 | 186 | 198 | 193 | 196 | 194 | 187 | 190 |
| 29 | 215 | 208 | 210 | 181 | 167 | 174 | 200 | 194 | 198 | --- | --- | --- |
| 30 | 218 | 215 | 216 | 193 | 181 | 187 | 203 | 199 | 200 | --- | --- | --- |
| 31 | 219 | 217 | 218 | --- | --- | --- | 201 | 194 | 199 | 237 | 189 | 203 |
| MONTH | --- | --- | --- | 284 | 164 | 206 | 237 | 136 | 187 | --- | --- | --- |
| DAY | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 256 | 229 | 241 | --- | --- | --- | 122 | 102 | 113 | 175 | 171 | 173 |
| 2 | 248 | 213 | 230 | --- | --- | --- | 138 | 122 | 132 | 173 | 168 | 170 |
| 3 | 213 | 140 | 186 | --- | --- | --- | 136 | 131 | 133 | 173 | 159 | 165 |
| 4 | 155 | 143 | 150 | --- | --- | --- | 142 | 134 | 137 | 174 | 161 | 166 |
| 5 | 163 | 155 | 158 | --- | --- | --- | 146 | 142 | 144 | 179 | 173 | 176 |
| 6 | 167 | 163 | 166 | --- | --- | --- | --- | --- | --- | 180 | 176 | 178 |
| 7 | 176 | 167 | 173 | --- | --- | --- | --- | --- | --- | 179 | 173 | 175 |
| 8 | 183 | 174 | 178 | 177 | 113 | 146 | 159 | 151 | 154 | 183 | 178 | 180 |
| 9 | 189 | 179 | 182 | 126 | 114 | 120 | 162 | 155 | 157 | 184 | 182 | 183 |
| 10 | 187 | 182 | 185 | 130 | 126 | 128 | 159 | 154 | 156 | 185 | 180 | 182 |
| 11 | 186 | 182 | 184 | 136 | 129 | 133 | 164 | 153 | 157 | 192 | 185 | 188 |
| 12 | 185 | 184 | 184 | 140 | 135 | 138 | 167 | 152 | 161 | 202 | 183 | 196 |
| 13 | 186 | 182 | 184 | 153 | 138 | 144 | 169 | 82 | 112 | 183 | 128 | 146 |
| 14 | 200 | 179 | 187 | 167 | 152 | 158 | 134 | 92 | 104 | 128 | 126 | 127 |
| 15 | 200 | 165 | 176 | 169 | 157 | 163 | 116 | 103 | 111 | 128 | 125 | 126 |
| 16 | 169 | 162 | 165 | 193 | 123 | 159 | 125 | 116 | 121 | 143 | 128 | 136 |
| 17 | 165 | 162 | 163 | 128 | 117 | 120 | 132 | 125 | 128 | 160 | 142 | 151 |
| 18 | 175 | 162 | 166 | 133 | 122 | 129 | 136 | 126 | 133 | 180 | 159 | 172 |
| 19 | 182 | 175 | 178 | 146 | 133 | 140 | 143 | 131 | 139 | 189 | 180 | 186 |
| 20 | 185 | 180 | 182 | 150 | 141 | 145 | 147 | 140 | 144 | 201 | 114 | 162 |
| 21 | 190 | 155 | 180 | 153 | 150 | 151 | 150 | 142 | 146 | 131 | 125 | 127 |
| 22 | 155 | 149 | 153 | 161 | 150 | 157 | 151 | 147 | 149 | 141 | 130 | 136 |
| 23 | 161 | 153 | 157 | 179 | 132 | 156 | 160 | 151 | 154 | 154 | 141 | 149 |
| 24 | 188 | 149 | 165 | 135 | 129 | 132 | 162 | 158 | 160 | 169 | 154 | 161 |
| 25 | 155 | 148 | 151 | 147 | 135 | 142 | 165 | 149 | 162 | 172 | 169 | 170 |
| 26 | 162 | 148 | 158 | 154 | 147 | 150 | 168 | 162 | 165 | 183 | 172 | 179 |
| 27 | 173 | 150 | 165 | 164 | 154 | 159 | 176 | 164 | 172 | 191 | 183 | 187 |
| 28 | --- | --- | --- | 184 | 83 | 118 | 175 | 171 | 173 | 197 | 190 | 193 |
| 29 | --- | --- | --- | 124 | 105 | 116 | 175 | 171 | 172 | 203 | 196 | 200 |
| 30 | --- | --- | --- | 137 | 124 | 130 | 174 | 172 | 173 | 203 | 199 | 201 |
| 31 | --- | --- | --- | 157 | 100 | 133 | --- | --- | --- | 207 | 203 | 205 |
| MONTH | --- | --- | --- | --- | --- | --- | --- | --- | --- | 207 | 114 | 169 |

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| | | | | | | | | | | | | |
| 1 | 207 | 196 | 204 | 146 | 131 | 138 | --- | --- | --- | 238 | 227 | 233 |
| 2 | 210 | 43 | 106 | 170 | 146 | 155 | --- | --- | --- | 238 | 232 | 236 |
| 3 | 129 | 93 | 118 | 186 | 170 | 177 | --- | --- | --- | 232 | 222 | 227 |
| 4 | 135 | 129 | 133 | 190 | 186 | 189 | 172 | 157 | 163 | 223 | 219 | 221 |
| 5 | 138 | 132 | 134 | 192 | 185 | 187 | 182 | 172 | 177 | 219 | 217 | 218 |
| 6 | 141 | 138 | 140 | 202 | 192 | 198 | 191 | 182 | 187 | 219 | 216 | 217 |
| 7 | 148 | 139 | 144 | 205 | 85 | 184 | --- | --- | --- | 219 | 217 | 218 |
| 8 | 151 | 137 | 148 | 115 | 92 | 105 | 206 | 198 | 203 | 224 | 219 | 221 |
| 9 | 152 | 142 | 148 | 126 | 112 | 120 | 207 | 205 | 206 | 229 | 224 | 225 |
| 10 | 148 | 142 | 145 | 138 | 126 | 132 | 216 | 207 | 210 | 231 | 227 | 229 |
| 11 | 149 | 128 | 136 | 161 | 138 | 149 | 223 | 215 | 219 | 235 | 231 | 233 |
| 12 | 134 | 127 | 129 | --- | --- | --- | 224 | 220 | 222 | 239 | 235 | 236 |
| 13 | 135 | 127 | 129 | --- | --- | --- | 226 | 216 | 223 | 248 | 239 | 242 |
| 14 | 160 | 135 | 148 | 214 | 202 | 210 | 234 | 194 | 208 | 252 | 247 | 249 |
| 15 | 178 | 160 | 170 | 224 | 201 | 210 | 243 | 225 | 230 | 257 | 252 | 253 |
| 16 | 180 | 176 | 178 | 201 | 186 | 195 | 225 | 169 | 201 | 260 | 256 | 257 |
| 17 | 185 | 180 | 183 | 187 | 181 | 183 | --- | --- | --- | 266 | 259 | 262 |
| 18 | 183 | 168 | 178 | 202 | 184 | 193 | 202 | 126 | 169 | 275 | 265 | 269 |
| 19 | 176 | 166 | 170 | 209 | 202 | 206 | 126 | 107 | 114 | 288 | 275 | 282 |
| 20 | 182 | 176 | 180 | 216 | 209 | 213 | 137 | 122 | 131 | 330 | 288 | 311 |
| 21 | 191 | 182 | 188 | 234 | 199 | 219 | 151 | 137 | 144 | 356 | 330 | 344 |
| 22 | 197 | 190 | 193 | 234 | 188 | 204 | 166 | 151 | 158 | 357 | 354 | 356 |
| 23 | 196 | 173 | 186 | 188 | 151 | 165 | 184 | 165 | 173 | 355 | 351 | 353 |
| 24 | 201 | 174 | 189 | 154 | 150 | 151 | 202 | 184 | 193 | 352 | 349 | 350 |
| 25 | 208 | 200 | 204 | 155 | 144 | 154 | 214 | 202 | 209 | 350 | 344 | 347 |
| 26 | 213 | 208 | 210 | 156 | 152 | 154 | 224 | 213 | 218 | 345 | 340 | 342 |
| 27 | 220 | 212 | 216 | 181 | 156 | 167 | 238 | 222 | 229 | 342 | 339 | 340 |
| 28 | 219 | 105 | 191 | 214 | 76 | 187 | 240 | 237 | 239 | 341 | 331 | 336 |
| 29 | 117 | 105 | 110 | 103 | 76 | 92 | 239 | 235 | 237 | 332 | 321 | 326 |
| 30 | 131 | 117 | 122 | 129 | 72 | 94 | 245 | 238 | 241 | 321 | 311 | 316 |
| 31 | --- | --- | --- | 127 | 94 | 116 | 241 | 225 | 230 | --- | --- | --- |
| MONTH | 220 | 43 | 161 | --- | --- | --- | --- | --- | --- | 357 | 216 | 275 |

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| | | | | | | | | | | | | |
| 1 | 7.0 | 7.0 | 7.0 | 7.0 | 6.8 | 6.9 | 7.8 | 7.4 | 7.6 | 7.7 | 7.4 | 7.5 |
| 2 | 7.1 | 7.0 | 7.0 | 7.2 | 6.9 | 7.1 | 7.8 | 7.5 | 7.7 | 7.8 | 7.4 | 7.6 |
| 3 | 7.2 | 7.0 | 7.1 | 7.1 | 7.0 | 7.0 | 7.6 | 7.5 | 7.6 | 7.8 | 7.4 | 7.6 |
| 4 | 7.2 | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 7.5 | 7.4 | 7.5 | 7.8 | 7.4 | 7.6 |
| 5 | 7.3 | 7.1 | 7.2 | 7.2 | 7.1 | 7.2 | 7.5 | 7.3 | 7.4 | 7.8 | 7.4 | 7.6 |
| 6 | 7.4 | 7.2 | 7.3 | 7.3 | 7.2 | 7.3 | 7.4 | 7.2 | 7.3 | 7.7 | 7.4 | 7.5 |
| 7 | --- | --- | --- | 7.3 | 7.2 | 7.3 | 7.2 | 7.1 | 7.2 | 7.8 | 7.3 | 7.5 |
| 8 | 7.4 | 7.3 | 7.3 | 7.3 | 7.2 | 7.3 | 7.2 | 7.0 | 7.1 | 7.6 | 7.3 | 7.4 |
| 9 | 7.4 | 7.2 | 7.3 | 7.3 | 7.3 | 7.3 | 7.1 | 7.0 | 7.0 | 7.7 | 7.3 | 7.5 |
| 10 | 7.3 | 7.2 | 7.2 | 7.3 | 7.3 | 7.3 | 7.2 | 6.6 | 6.8 | 7.8 | 7.2 | 7.5 |
| 11 | 7.2 | 7.1 | 7.2 | 7.3 | 7.3 | 7.3 | 6.8 | 6.6 | 6.7 | 7.8 | 7.2 | 7.5 |
| 12 | 7.2 | 7.0 | 7.1 | 7.3 | 7.2 | 7.3 | 6.8 | 6.6 | 6.7 | 7.9 | 7.2 | 7.6 |
| 13 | 7.1 | 6.9 | 7.0 | 7.4 | 7.2 | 7.3 | 6.8 | 6.6 | 6.7 | 8.0 | 7.3 | 7.6 |
| 14 | 7.1 | 6.8 | 6.9 | 7.4 | 7.3 | 7.3 | 6.8 | 6.6 | 6.7 | 7.6 | 6.6 | 6.8 |
| 15 | 7.1 | 7.0 | 7.0 | 7.4 | 7.3 | 7.3 | 6.8 | 6.7 | 6.8 | 7.1 | 6.7 | 6.9 |
| 16 | 7.2 | 7.0 | 7.1 | 7.4 | 7.3 | 7.3 | 6.7 | 6.0 | 6.5 | 7.0 | 6.9 | 6.9 |
| 17 | 7.0 | 7.0 | 7.0 | 7.4 | 7.3 | 7.4 | 6.7 | 6.5 | 6.6 | 7.0 | 6.8 | 6.9 |
| 18 | 7.0 | 6.9 | 6.9 | 7.4 | 7.3 | 7.3 | 6.7 | 6.5 | 6.6 | 7.4 | 6.9 | 7.0 |
| 19 | 6.9 | 6.8 | 6.9 | 7.3 | 7.0 | 7.2 | 6.8 | 6.6 | 6.7 | 7.4 | 7.1 | 7.3 |
| 20 | 6.9 | 6.7 | 6.8 | 7.2 | 7.0 | 7.1 | 7.3 | 6.8 | 6.9 | 7.3 | 7.1 | 7.2 |
| 21 | 7.0 | 6.7 | 6.8 | 7.1 | 6.8 | 6.9 | 7.0 | 6.9 | 7.0 | 7.1 | 6.9 | 7.0 |
| 22 | 7.0 | 6.9 | 6.9 | 7.2 | 6.9 | 7.0 | 7.1 | 6.9 | 7.0 | 6.9 | 6.8 | 6.9 |
| 23 | 7.1 | 7.0 | 7.0 | 7.0 | 6.7 | 6.8 | 7.1 | 7.0 | 7.0 | 7.3 | 6.8 | 6.9 |
| 24 | 7.1 | 7.0 | 7.1 | 7.0 | 6.9 | 7.0 | 7.3 | 7.0 | 7.2 | 7.3 | 7.2 | 7.3 |
| 25 | 7.1 | 6.9 | 7.0 | 7.1 | 6.9 | 7.0 | 7.4 | 7.1 | 7.2 | 7.3 | 7.2 | 7.2 |
| 26 | 7.1 | 6.9 | 7.0 | 7.3 | 7.0 | 7.2 | 7.4 | 7.2 | 7.3 | 7.3 | 7.1 | 7.2 |
| 27 | 7.2 | 6.9 | 7.0 | 7.3 | 7.2 | 7.3 | 7.5 | 7.2 | 7.4 | 7.2 | 7.1 | 7.1 |
| 28 | 7.0 | 6.8 | 6.9 | 7.4 | 7.2 | 7.2 | 7.5 | 7.3 | 7.4 | 7.3 | 7.0 | 7.1 |
| 29 | 6.9 | 6.8 | 6.9 | 7.4 | 7.1 | 7.3 | 7.6 | 7.3 | 7.5 | --- | --- | --- |
| 30 | 7.0 | 6.8 | 6.9 | 7.6 | 7.4 | 7.5 | 7.6 | 7.3 | 7.5 | --- | --- | --- |
| 31 | 7.0 | 6.8 | 6.9 | --- | --- | --- | 7.6 | 7.4 | 7.5 | 7.1 | 6.8 | 7.0 |
| MONTH | --- | --- | --- | 7.6 | 6.7 | 7.2 | 7.8 | 6.0 | 7.1 | --- | --- | --- |
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| | | | | | | | | | | | | |
| 1 | 7.3 | 6.8 | 7.0 | 7.1 | 6.9 | 7.0 | 7.2 | 6.7 | 7.0 | 7.1 | 7.0 | 7.0 |
| 2 | 7.5 | 7.1 | 7.3 | 7.2 | 7.0 | 7.1 | 7.3 | 7.1 | 7.2 | 7.2 | 7.0 | 7.1 |
| 3 | 7.3 | 6.9 | 7.1 | 7.2 | 7.1 | 7.2 | 7.4 | 7.3 | 7.3 | 7.1 | 7.0 | 7.0 |
| 4 | 7.0 | 6.9 | 7.0 | 7.3 | 7.2 | 7.2 | 7.4 | 7.2 | 7.3 | 7.1 | 7.0 | 7.0 |
| 5 | 7.0 | 6.9 | 7.0 | 7.3 | 7.2 | 7.2 | 7.4 | 7.2 | 7.3 | 7.0 | 7.0 | 7.0 |
| 6 | 7.2 | 7.0 | 7.1 | 7.4 | 7.2 | 7.3 | 7.5 | 7.3 | 7.4 | 7.0 | 6.9 | 7.0 |
| 7 | 7.2 | 6.8 | 7.1 | 7.4 | 7.1 | 7.3 | 7.6 | 7.3 | 7.5 | 7.1 | 6.9 | 7.0 |
| 8 | 6.8 | 0.4 | 4.4 | 7.2 | 7.0 | 7.1 | 7.6 | 7.3 | 7.4 | 7.0 | 6.9 | 7.0 |
| 9 | 6.3 | 4.2 | 5.8 | 7.0 | 6.9 | 7.0 | 7.6 | 7.3 | 7.4 | 7.0 | 6.8 | 6.9 |
| 10 | 7.0 | 6.3 | 6.7 | 7.1 | 7.0 | 7.1 | 7.5 | 7.1 | 7.3 | 7.0 | 6.8 | 6.9 |
| 11 | 7.1 | 6.7 | 6.9 | 7.2 | 7.0 | 7.1 | 7.6 | 7.1 | 7.3 | 6.9 | 6.8 | 6.8 |
| 12 | 7.3 | 6.9 | 7.1 | 7.2 | 7.0 | 7.1 | 7.5 | 7.0 | 7.3 | 7.1 | 6.9 | 7.0 |
| 13 | 7.3 | 7.0 | 7.2 | 7.3 | 7.0 | 7.1 | 7.1 | 6.6 | 6.9 | 7.2 | 7.0 | 7.1 |
| 14 | 7.3 | 7.0 | 7.1 | 7.3 | 7.0 | 7.1 | 6.8 | 6.7 | 6.8 | 7.4 | 7.2 | 7.3 |
| 15 | 7.2 | 6.9 | 7.1 | 7.5 | 7.1 | 7.2 | 7.0 | 6.8 | 6.9 | 7.5 | 7.2 | 7.4 |
| 16 | 7.3 | 6.9 | 7.1 | 7.2 | 7.0 | 7.1 | 7.0 | 6.8 | 7.0 | 7.5 | 7.3 | 7.5 |
| 17 | 7.6 | 7.0 | 7.2 | 7.0 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 7.6 | 7.4 | 7.5 |
| 18 | 7.8 | 7.2 | 7.4 | 7.0 | 6.9 | 7.0 | 6.9 | 6.6 | 6.8 | 7.7 | 7.5 | 7.5 |
| 19 | 8.0 | 7.3 | 7.6 | 7.1 | 6.9 | 7.0 | 7.0 | 6.7 | 6.8 | 7.7 | 7.4 | 7.6 |
| 20 | 8.0 | 7.3 | 7.5 | 7.2 | 7.0 | 7.0 | 7.0 | 6.8 | 6.9 | 7.6 | 7.1 | 7.3 |
| 21 | 7.6 | 7.2 | 7.4 | 7.3 | 7.0 | 7.1 | 7.1 | 6.8 | 7.0 | 7.1 | 7.0 | 7.0 |
| 22 | 7.3 | 7.2 | 7.2 | 7.4 | 7.0 | 7.2 | 7.2 | 6.9 | 7.0 | 7.1 | 7.0 | 7.1 |
| 23 | 7.5 | 7.1 | 7.3 | 7.2 | 7.0 | 7.1 | 7.0 | 6.8 | 6.9 | 7.1 | 7.0 | 7.0 |
| 24 | 7.3 | 7.2 | 7.2 | 7.2 | 7.0 | 7.1 | 7.0 | 6.8 | 6.9 | 7.3 | 7.1 | 7.2 |
| 25 | 7.3 | 7.2 | 7.2 | 7.3 | 6.9 | 7.0 | 7.2 | 6.9 | 7.0 | 7.3 | 7.3 | 7.3 |
| 26 | 7.4 | 7.2 | 7.3 | 7.3 | 7.0 | 7.1 | 7.5 | 7.0 | 7.2 | 7.4 | 7.2 | 7.3 |
| 27 | 7.4 | 7.2 | 7.3 | 7.2 | 7.0 | 7.1 | 7.3 | 7.2 | 7.3 | 7.3 | 7.2 | 7.3 |
| 28 | 7.3 | 6.8 | 7.0 | 7.2 | 6.6 | 6.9 | 7.3 | 7.1 | 7.2 | 7.4 | 7.2 | 7.3 |
| 29 | --- | --- | --- | 7.0 | 6.8 | 6.9 | 7.2 | 7.0 | 7.1 | 7.4 | 7.3 | 7.3 |
| 30 | --- | --- | --- | 7.0 | 6.9 | 7.0 | 7.1 | 7.0 | 7.0 | 7.4 | 7.2 | 7.3 |
| 31 | --- | --- | --- | 7.2 | 7.0 | 7.0 | --- | --- | --- | 7.4 | 7.1 | 7.3 |
| MONTH | 8.0 | 0.4 | 7.0 | 7.5 | 6.6 | 7.1 | 7.6 | 6.6 | 7.1 | 7.7 | 6.8 | 7.2 |

PEE DEE RIVER BASIN

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| | | | | | | | | | | | | |
| 1 | 7.1 | 7.0 | 7.0 | 7.6 | 7.4 | 7.5 | 7.5 | 7.1 | 7.2 | 8.0 | 7.8 | 7.9 |
| 2 | 7.1 | 6.2 | 6.6 | 7.6 | 7.5 | 7.5 | 7.8 | 7.4 | 7.6 | 7.9 | 7.8 | 7.8 |
| 3 | 6.8 | 6.5 | 6.7 | 7.7 | 7.5 | 7.6 | 7.9 | 7.8 | 7.8 | 7.8 | 7.6 | 7.7 |
| 4 | 6.9 | 6.8 | 6.9 | 7.7 | 7.6 | 7.7 | 7.9 | 7.8 | 7.8 | 7.6 | 7.4 | 7.5 |
| 5 | 7.1 | 6.9 | 7.0 | 7.8 | 7.7 | 7.7 | 7.9 | 7.8 | 7.8 | 7.4 | 7.2 | 7.3 |
| 6 | 7.3 | 7.1 | 7.2 | 7.8 | 7.7 | 7.7 | 7.8 | 7.6 | 7.7 | 7.4 | 7.1 | 7.3 |
| 7 | 7.4 | 7.3 | 7.4 | 7.9 | 7.2 | 7.7 | 7.7 | 7.5 | 7.6 | 7.3 | 7.0 | 7.1 |
| 8 | 7.5 | 7.2 | 7.4 | 7.4 | 7.3 | 7.4 | 7.7 | 7.6 | 7.6 | 7.3 | 7.1 | 7.2 |
| 9 | 7.5 | 7.3 | 7.4 | 7.6 | 7.4 | 7.4 | 7.8 | 7.6 | 7.6 | 7.4 | 7.2 | 7.2 |
| 10 | 7.5 | 7.3 | 7.4 | 7.6 | 7.5 | 7.5 | 7.7 | 7.6 | 7.6 | 7.4 | 7.3 | 7.3 |
| 11 | 7.6 | 7.3 | 7.4 | 7.6 | 7.4 | 7.5 | 7.7 | 7.6 | 7.6 | 7.4 | 7.2 | 7.3 |
| 12 | 7.3 | 7.0 | 7.2 | 7.7 | 7.5 | 7.6 | 7.6 | 7.5 | 7.6 | 7.4 | 7.2 | 7.3 |
| 13 | 7.2 | 7.0 | 7.1 | 7.8 | 7.6 | 7.7 | 7.5 | 7.2 | 7.3 | 7.4 | 7.2 | 7.3 |
| 14 | 7.2 | 7.1 | 7.1 | 7.8 | 7.6 | 7.7 | 7.2 | 7.0 | 7.1 | 7.4 | 7.2 | 7.3 |
| 15 | 7.3 | 7.1 | 7.2 | 7.7 | 7.4 | 7.6 | 7.1 | 6.8 | 7.0 | 7.3 | 7.2 | 7.2 |
| 16 | 7.4 | 7.2 | 7.3 | 7.7 | 7.5 | 7.6 | 6.9 | 6.7 | 6.8 | 7.3 | 7.2 | 7.2 |
| 17 | 7.4 | 7.3 | 7.3 | 7.5 | 7.3 | 7.4 | --- | --- | --- | 7.2 | 7.2 | 7.2 |
| 18 | 7.4 | 7.3 | 7.4 | 7.4 | 7.2 | 7.3 | 7.3 | 6.9 | 7.0 | 7.2 | 7.2 | 7.2 |
| 19 | 7.4 | 7.2 | 7.3 | 7.3 | 7.1 | 7.2 | 7.1 | 6.8 | 7.0 | 7.2 | 7.1 | 7.2 |
| 20 | 7.2 | 7.0 | 7.1 | 7.2 | 7.1 | 7.1 | 7.0 | 6.8 | 6.9 | 7.1 | 6.8 | 6.9 |
| 21 | 7.2 | 7.0 | 7.1 | 7.3 | 7.1 | 7.2 | 7.1 | 6.8 | 6.9 | 7.0 | 6.8 | 6.9 |
| 22 | 7.3 | 7.1 | 7.1 | 7.5 | 7.3 | 7.4 | 7.3 | 7.0 | 7.1 | 7.1 | 6.9 | 7.0 |
| 23 | 7.3 | 7.1 | 7.2 | 7.4 | 7.0 | 7.2 | 7.2 | 6.9 | 7.1 | 7.3 | 7.0 | 7.1 |
| 24 | 7.6 | 7.3 | 7.3 | 7.0 | 6.7 | 6.9 | 7.4 | 7.1 | 7.3 | 7.4 | 7.2 | 7.3 |
| 25 | 7.4 | 7.3 | 7.3 | 6.7 | 6.5 | 6.6 | 7.6 | 7.4 | 7.5 | 7.4 | 7.3 | 7.3 |
| 26 | 7.9 | 7.4 | 7.6 | 6.6 | 6.4 | 6.5 | 7.6 | 7.5 | 7.6 | 7.4 | 7.3 | 7.3 |
| 27 | 8.9 | 7.9 | 8.4 | 6.6 | 6.3 | 6.4 | 7.6 | 7.4 | 7.5 | 7.5 | 7.3 | 7.4 |
| 28 | 8.6 | 7.7 | 8.2 | 6.8 | 6.3 | 6.6 | 7.6 | 7.4 | 7.5 | 7.5 | 7.4 | 7.4 |
| 29 | 7.7 | 7.5 | 7.6 | 6.9 | 6.5 | 6.7 | 7.7 | 7.5 | 7.6 | 7.6 | 7.4 | 7.5 |
| 30 | 7.5 | 7.4 | 7.5 | 7.2 | 6.5 | 6.9 | 7.6 | 7.5 | 7.6 | 7.6 | 7.4 | 7.5 |
| 31 | --- | --- | --- | 7.3 | 6.9 | 7.1 | 7.8 | 7.6 | 7.6 | --- | --- | --- |
| MONTH | 8.9 | 6.2 | 7.3 | 7.9 | 6.3 | 7.3 | --- | --- | --- | 8.0 | 6.8 | 7.3 |

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|----------|------|------|-------|------|------|-------|------|------|------|------|------|
| | | | | | | | | | | | | |
| 1 | 20.3 | 19.6 | 19.9 | 19.6 | 18.2 | 18.8 | 11.5 | 9.4 | 10.7 | 8.4 | 6.2 | 7.3 |
| 2 | 21.1 | 20.1 | 20.5 | 19.4 | 18.5 | 18.9 | 10.3 | 8.0 | 9.1 | 9.4 | 7.3 | 8.3 |
| 3 | 21.0 | 20.0 | 20.4 | 19.9 | 19.2 | 19.5 | 8.2 | 6.9 | 7.6 | 10.2 | 7.9 | 9.1 |
| 4 | 20.2 | 19.4 | 19.8 | 19.6 | 17.8 | 18.7 | 7.5 | 6.0 | 6.8 | 11.7 | 9.5 | 10.6 |
| 5 | 19.6 | 18.0 | 18.7 | 17.8 | 14.6 | 16.3 | 7.4 | 5.5 | 6.5 | 12.9 | 10.9 | 12.0 |
| 6 | 18.5 | 17.3 | 17.7 | 14.6 | 12.9 | 13.5 | 8.7 | 6.8 | 7.8 | 14.0 | 11.9 | 13.0 |
| 7 | --- | --- | --- | 13.2 | 11.5 | 12.6 | 12.6 | 8.7 | 10.6 | 13.7 | 12.2 | 13.1 |
| 8 | 16.8 | 15.3 | 16.1 | 13.2 | 11.7 | 12.4 | 13.7 | 12.3 | 13.0 | 13.9 | 12.6 | 13.3 |
| 9 | 17.0 | 15.8 | 16.4 | 12.1 | 10.4 | 11.3 | 12.3 | 10.9 | 11.4 | 13.3 | 11.5 | 12.3 |
| 10 | 17.6 | 16.3 | 17.0 | 10.6 | 9.5 | 9.9 | 13.5 | 10.9 | 12.3 | 11.5 | 9.7 | 10.7 |
| 11 | 17.8 | 16.9 | 17.3 | 10.1 | 9.4 | 9.7 | 12.7 | 10.2 | 11.4 | 10.9 | 9.0 | 10.1 |
| 12 | 17.2 | 16.3 | 16.8 | 12.0 | 10.1 | 10.9 | 10.2 | 8.4 | 9.1 | 12.2 | 9.4 | 10.9 |
| 13 | 19.0 | 17.2 | 18.1 | 12.6 | 11.5 | 12.1 | 9.5 | 8.0 | 8.9 | 15.1 | 11.7 | 13.3 |
| 14 | 18.8 | 17.7 | 18.1 | 11.5 | 9.2 | 10.2 | 8.0 | 5.1 | 6.4 | 16.3 | 11.5 | 14.3 |
| 15 | 17.7 | 16.1 | 17.1 | 9.2 | 7.8 | 8.4 | 5.1 | 3.5 | 4.1 | 11.5 | 8.6 | 9.5 |
| 16 | 16.1 | 14.4 | 15.0 | 8.0 | 7.5 | 7.8 | 3.6 | 2.2 | 3.0 | 8.6 | 7.2 | 7.7 |
| 17 | 15.0 | 13.4 | 14.1 | 8.7 | 7.2 | 7.9 | 4.3 | 2.4 | 3.3 | 7.2 | 3.9 | 5.5 |
| 18 | 15.4 | 13.7 | 14.5 | 10.3 | 8.1 | 9.1 | 4.8 | 3.1 | 4.0 | 3.9 | 1.5 | 2.9 |
| 19 | 17.0 | 15.4 | 16.2 | 12.3 | 10.3 | 11.3 | 5.0 | 3.7 | 4.2 | 1.9 | 0.9 | 1.3 |
| 20 | 18.1 | 17.0 | 17.5 | 13.5 | 12.0 | 12.8 | 3.8 | 1.2 | 2.1 | 2.9 | 0.6 | 1.7 |
| 21 | 17.8 | 17.2 | 17.4 | 14.3 | 12.9 | 13.7 | 2.8 | 0.8 | 1.7 | 4.6 | 2.4 | 3.7 |
| 22 | 17.4 | 16.8 | 17.1 | 14.9 | 13.7 | 14.3 | 5.0 | 2.1 | 3.4 | 4.1 | 3.8 | 4.0 |
| 23 | 16.8 | 15.8 | 16.2 | 15.7 | 14.8 | 15.3 | 9.6 | 5.0 | 7.7 | 3.8 | 1.2 | 2.5 |
| 24 | 15.8 | 15.4 | 15.6 | 16.6 | 15.7 | 16.1 | 8.9 | 5.5 | 7.0 | 2.5 | 0.1 | 1.3 |
| 25 | 16.8 | 15.7 | 16.1 | 16.3 | 12.9 | 15.2 | 5.5 | 3.8 | 4.6 | 3.6 | 0.6 | 2.1 |
| 26 | 16.1 | 15.8 | 16.0 | 12.9 | 9.6 | 11.1 | 3.8 | 2.7 | 3.5 | 5.9 | 1.9 | 3.9 |
| 27 | 16.5 | 16.1 | 16.3 | 9.6 | 7.8 | 8.4 | 3.0 | 1.9 | 2.5 | 6.1 | 3.8 | 5.0 |
| 28 | 16.6 | 16.3 | 16.5 | 10.9 | 8.5 | 9.8 | 2.4 | 1.1 | 1.8 | 4.8 | 3.0 | 3.8 |
| 29 | 16.6 | 16.2 | 16.4 | 10.3 | 8.9 | 9.5 | 3.4 | 1.3 | 2.4 | --- | --- | --- |
| 30 | 18.2 | 16.6 | 17.4 | 9.4 | 7.7 | 8.6 | 6.0 | 3.0 | 4.6 | --- | --- | --- |
| 31 | 19.1 | 17.7 | 18.4 | --- | --- | --- | 7.2 | 5.1 | 6.1 | 5.3 | 3.5 | 4.2 |
| MONTH | --- | --- | --- | 19.9 | 7.2 | 12.5 | 13.7 | 0.8 | 6.4 | --- | --- | --- |
| | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 5.4 | 3.6 | 4.3 | 7.5 | 6.3 | 6.9 | 14.8 | 13.5 | 14.1 | 17.3 | 15.4 | 16.1 |
| 2 | 4.3 | 2.8 | 3.6 | 6.8 | 4.7 | 5.8 | 15.1 | 13.1 | 14.5 | 17.2 | 14.4 | 15.7 |
| 3 | 4.9 | 3.6 | 4.1 | 7.2 | 5.3 | 6.0 | 14.0 | 11.0 | 12.5 | 16.1 | 13.8 | 15.0 |
| 4 | 6.4 | 4.6 | 5.5 | 8.4 | 5.1 | 6.3 | 15.6 | 12.4 | 13.8 | 15.5 | 13.4 | 14.6 |
| 5 | 6.7 | 4.9 | 5.9 | 10.4 | 5.9 | 8.2 | 18.1 | 13.7 | 15.5 | 15.2 | 13.8 | 14.2 |
| 6 | 7.4 | 5.2 | 6.1 | 11.4 | 7.3 | 9.0 | 19.4 | 15.2 | 16.9 | 14.2 | 12.9 | 13.7 |
| 7 | 8.1 | 5.4 | 6.5 | 12.4 | 7.7 | 9.9 | 18.0 | 16.7 | 17.3 | 15.6 | 12.2 | 13.9 |
| 8 | 9.3 | 6.5 | 7.9 | 12.4 | 9.7 | 11.1 | 18.9 | 16.7 | 17.5 | 16.9 | 13.9 | 15.4 |
| 9 | 10.4 | 8.6 | 9.7 | 9.7 | 7.3 | 8.4 | 20.0 | 17.0 | 18.0 | 17.6 | 14.8 | 16.3 |
| 10 | 10.5 | 8.0 | 9.9 | 9.7 | 7.5 | 8.4 | 19.7 | 15.4 | 17.2 | 17.4 | 15.7 | 16.7 |
| 11 | 8.3 | 6.1 | 7.4 | 10.4 | 8.1 | 8.9 | 19.8 | 15.2 | 17.2 | 18.7 | 16.4 | 17.6 |
| 12 | 7.8 | 4.4 | 6.2 | 11.9 | 7.7 | 9.4 | 17.9 | 14.9 | 17.1 | 19.9 | 17.2 | 18.4 |
| 13 | 7.7 | 4.7 | 6.3 | 14.5 | 9.2 | 11.6 | 15.5 | 12.4 | 13.9 | 19.1 | 18.6 | 18.8 |
| 14 | 9.1 | 6.7 | 7.8 | 12.7 | 10.7 | 11.9 | 13.7 | 11.4 | 12.4 | 20.2 | 18.5 | 19.3 |
| 15 | 11.0 | 9.1 | 10.1 | 12.5 | 9.1 | 10.6 | 13.9 | 11.7 | 13.0 | 20.2 | 19.2 | 19.7 |
| 16 | 12.5 | 10.4 | 11.5 | 9.8 | 7.6 | 8.9 | 14.1 | 11.9 | 13.0 | 19.9 | 18.5 | 19.3 |
| 17 | 12.3 | 9.2 | 11.1 | 7.6 | 6.8 | 7.1 | 14.8 | 11.6 | 13.0 | 19.3 | 18.0 | 18.8 |
| 18 | 9.8 | 7.3 | 8.7 | 9.6 | 5.8 | 7.7 | 16.6 | 12.6 | 14.2 | 19.4 | 18.0 | 18.8 |
| 19 | 9.4 | 5.7 | 7.5 | 10.1 | 7.7 | 9.1 | 18.5 | 14.6 | 16.1 | 19.7 | 18.1 | 19.0 |
| 20 | 8.8 | 7.0 | 7.9 | 12.6 | 9.2 | 10.6 | 19.5 | 16.0 | 17.4 | 19.7 | 18.4 | 19.0 |
| 21 | 10.3 | 8.2 | 9.1 | 13.2 | 10.7 | 11.6 | 20.2 | 16.6 | 18.1 | 19.0 | 17.6 | 18.3 |
| 22 | 11.6 | 9.5 | 10.6 | 11.9 | 10.6 | 11.2 | 20.1 | 17.0 | 18.4 | 18.7 | 16.2 | 17.5 |
| 23 | 12.7 | 10.6 | 11.4 | 15.4 | 11.2 | 13.2 | 18.9 | 16.1 | 17.8 | 19.6 | 17.5 | 18.6 |
| 24 | 11.0 | 8.6 | 9.8 | 15.3 | 12.8 | 14.1 | 16.1 | 13.3 | 14.5 | 19.2 | 17.7 | 18.3 |
| 25 | 9.4 | 7.6 | 8.5 | 16.1 | 13.7 | 14.5 | 14.8 | 11.2 | 13.0 | 17.8 | 16.2 | 16.8 |
| 26 | 9.6 | 7.4 | 8.3 | 14.5 | 13.1 | 14.0 | 13.7 | 12.1 | 12.9 | 17.8 | 15.9 | 17.0 |
| 27 | 8.7 | 7.2 | 7.9 | 13.2 | 12.9 | 13.0 | 15.0 | 12.6 | 13.7 | 18.6 | 16.5 | 17.7 |
| 28 | 7.3 | 5.8 | 6.7 | 14.4 | 12.5 | 13.6 | 15.4 | 11.9 | 13.6 | 18.5 | 17.3 | 18.0 |
| 29 | --- | --- | --- | 15.4 | 11.1 | 13.2 | 16.0 | 13.3 | 14.6 | 18.2 | 16.8 | 17.7 |
| 30 | --- | --- | --- | 15.7 | 13.0 | 14.6 | 16.0 | 14.8 | 15.4 | 18.1 | 17.4 | 17.5 |
| 31 | --- | --- | --- | 15.6 | 14.0 | 14.7 | --- | --- | --- | 18.4 | 17.0 | 17.7 |
| MONTH | 12.7 | 2.8 | 7.9 | 16.1 | 4.7 | 10.4 | 20.2 | 11.0 | 15.2 | 20.2 | 12.2 | 17.3 |

PEE DEE RIVER BASIN

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | | |
| 1 | 18.4 | 17.1 | 17.6 | 25.0 | 23.2 | 24.0 | 23.8 | 22.7 | 23.3 | 25.0 | 22.8 | 23.8 |
| 2 | 17.2 | 16.0 | 16.8 | 24.3 | 22.9 | 23.7 | 24.1 | 22.4 | 23.4 | 24.5 | 21.7 | 23.0 |
| 3 | 17.6 | 17.0 | 17.2 | 24.0 | 23.2 | 23.5 | 24.8 | 23.0 | 23.9 | 24.1 | 21.4 | 22.6 |
| 4 | 19.5 | 17.6 | 18.4 | 24.1 | 23.1 | 23.6 | 25.3 | 23.4 | 24.4 | 23.3 | 20.1 | 21.6 |
| 5 | 20.8 | 19.2 | 20.0 | 25.2 | 23.5 | 24.2 | 25.3 | 23.8 | 24.5 | 22.5 | 19.7 | 21.0 |
| 6 | 22.3 | 20.4 | 21.3 | 24.9 | 23.8 | 24.4 | 25.0 | 23.6 | 24.2 | 21.9 | 19.2 | 20.5 |
| 7 | 22.6 | 21.1 | 21.8 | 25.1 | 23.7 | 24.3 | 24.3 | 23.1 | 23.7 | 21.5 | 18.7 | 20.0 |
| 8 | 23.0 | 21.0 | 21.8 | 24.8 | 23.5 | 24.1 | 24.5 | 23.1 | 23.6 | 22.4 | 18.9 | 20.5 |
| 9 | 22.9 | 21.4 | 22.1 | 24.3 | 22.8 | 23.7 | 25.2 | 23.4 | 24.0 | 22.1 | 17.5 | 19.8 |
| 10 | 23.3 | 21.9 | 22.6 | 24.5 | 23.1 | 23.8 | 24.7 | 23.7 | 24.1 | 21.6 | 17.6 | 19.6 |
| 11 | 22.8 | 21.9 | 22.3 | 24.7 | 23.5 | 24.1 | 25.8 | 23.5 | 24.5 | 21.1 | 18.0 | 19.7 |
| 12 | 23.2 | 21.9 | 22.5 | 25.6 | 24.1 | 24.8 | 26.1 | 24.0 | 24.9 | 20.9 | 17.6 | 19.3 |
| 13 | 23.6 | 22.5 | 23.0 | 25.7 | 24.5 | 25.0 | 25.9 | 24.1 | 24.8 | 21.8 | 18.9 | 20.2 |
| 14 | 24.6 | 22.8 | 23.7 | 24.9 | 23.8 | 24.4 | 25.4 | 24.0 | 24.5 | 22.6 | 20.6 | 21.5 |
| 15 | 25.2 | 23.2 | 24.1 | 25.5 | 23.7 | 24.5 | 25.1 | 23.4 | 24.3 | 23.9 | 20.4 | 22.1 |
| 16 | 24.2 | 22.7 | 23.5 | 25.7 | 24.2 | 24.9 | 26.2 | 24.5 | 25.3 | 23.9 | 20.9 | 22.4 |
| 17 | 23.1 | 21.7 | 22.3 | 26.4 | 24.4 | 25.2 | --- | --- | --- | 24.4 | 20.7 | 22.6 |
| 18 | 22.2 | 20.5 | 21.3 | 26.9 | 24.9 | 25.6 | 25.2 | 24.2 | 24.5 | 24.1 | 20.6 | 22.4 |
| 19 | 21.7 | 20.5 | 21.0 | 27.1 | 24.8 | 25.8 | 25.6 | 24.0 | 24.7 | 23.9 | 20.0 | 21.9 |
| 20 | 21.3 | 19.8 | 20.4 | 26.5 | 24.9 | 25.7 | 26.9 | 24.9 | 25.8 | 23.2 | 21.3 | 22.3 |
| 21 | 21.5 | 19.2 | 20.3 | 26.2 | 25.0 | 25.7 | 27.3 | 25.3 | 26.2 | 23.7 | 22.2 | 22.8 |
| 22 | 22.5 | 20.0 | 21.1 | 26.0 | 24.9 | 25.5 | 26.6 | 24.8 | 25.6 | 23.7 | 21.7 | 22.5 |
| 23 | 23.1 | 20.7 | 21.8 | 26.1 | 24.3 | 25.2 | 25.8 | 24.4 | 25.0 | 23.8 | 20.4 | 22.2 |
| 24 | 23.2 | 20.9 | 22.0 | 25.9 | 24.1 | 24.9 | 25.1 | 24.1 | 24.5 | 23.2 | 20.4 | 22.0 |
| 25 | 22.8 | 21.1 | 21.9 | 27.0 | 23.6 | 25.1 | 24.7 | 23.1 | 23.9 | 23.0 | 22.0 | 22.5 |
| 26 | 23.1 | 21.7 | 22.3 | 28.0 | 24.8 | 26.1 | 23.9 | 21.6 | 22.7 | 23.3 | 22.0 | 22.7 |
| 27 | 23.8 | 22.3 | 22.9 | 28.4 | 25.3 | 26.7 | 23.8 | 21.3 | 22.4 | 23.9 | 21.1 | 22.5 |
| 28 | 23.4 | 22.5 | 22.9 | 27.8 | 23.8 | 26.1 | 24.5 | 22.2 | 23.2 | 22.3 | 19.9 | 21.2 |
| 29 | 23.3 | 22.5 | 22.9 | 24.3 | 23.7 | 24.0 | 24.5 | 22.4 | 23.4 | 22.7 | 19.0 | 20.9 |
| 30 | 24.4 | 22.5 | 23.5 | 23.7 | 23.0 | 23.4 | 25.0 | 23.2 | 24.0 | 21.2 | 18.6 | 19.5 |
| 31 | --- | --- | --- | 23.5 | 23.2 | 23.4 | 25.6 | 23.9 | 24.6 | --- | --- | --- |
| MONTH | 25.2 | 16.0 | 21.5 | 28.4 | 22.8 | 24.7 | --- | --- | --- | 25.0 | 17.5 | 21.5 |

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|----------|------|------|----------|------|------|----------|------|------|---------|------|------|
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 6.7 | 6.5 | 6.6 | 5.8 | 5.2 | 5.3 | 9.9 | 8.9 | 9.4 | 12.0 | 10.6 | 11.2 |
| 2 | 6.5 | 6.2 | 6.4 | 5.8 | 4.9 | 5.2 | 10.2 | 8.9 | 9.6 | 12.2 | 10.2 | 11.1 |
| 3 | 6.5 | 5.4 | 6.2 | 5.6 | 4.6 | 5.0 | 10.7 | 9.6 | 10.1 | 12.2 | 9.9 | 10.9 |
| 4 | 6.3 | 6.0 | 6.2 | 5.2 | 4.2 | 4.6 | 11.0 | 10.0 | 10.4 | 11.5 | 9.4 | 10.4 |
| 5 | 6.4 | 6.0 | 6.2 | 6.7 | 5.2 | 6.2 | 11.1 | 10.1 | 10.6 | 11.3 | 8.7 | 10 |
| 6 | 6.6 | 6.1 | 6.3 | 7.0 | 6.4 | 6.7 | 10.6 | 9.3 | 10.1 | 10.6 | 8.3 | 9.3 |
| 7 | --- | --- | --- | 7.4 | 6.6 | 7.1 | 9.6 | 8.2 | 9.0 | 11.0 | 8.2 | 9.6 |
| 8 | 7.4 | 6.9 | 7.1 | 7.5 | 6.6 | 7.1 | 8.9 | 7.7 | 8.2 | 10.4 | 8.2 | 9.3 |
| 9 | 7.1 | 6.6 | 6.9 | 7.7 | 7.0 | 7.3 | 8.3 | 7.8 | 8.0 | 11.4 | 8.4 | 9.9 |
| 10 | 7.0 | 6.5 | 6.8 | 8.3 | 7.4 | 7.9 | 8.8 | 8.0 | 8.4 | 12.2 | 9.0 | 10.6 |
| 11 | 7.0 | 6.5 | 6.7 | 8.5 | 7.9 | 8.1 | 8.9 | 8.3 | 8.7 | 12.6 | 9.5 | 11.2 |
| 12 | 7.1 | 6.6 | 6.8 | 8.2 | 7.5 | 7.9 | 9.7 | 8.8 | 9.3 | 12.5 | 9.5 | 11.2 |
| 13 | 6.9 | 6.3 | 6.6 | 8.1 | 7.4 | 7.7 | 9.6 | 8.9 | 9.3 | 11.9 | 9.0 | 10.5 |
| 14 | 6.6 | 6.2 | 6.4 | 8.6 | 7.8 | 8.2 | 10.5 | 9.3 | 10 | 10.7 | 8.5 | 9.5 |
| 15 | 6.6 | 6.3 | 6.4 | 9.5 | 8.4 | 9.0 | 11.3 | 10.4 | 10.9 | 11.7 | 10.4 | 11.2 |
| 16 | 7.0 | 6.5 | 6.8 | 9.9 | 8.7 | 9.4 | 11.9 | 10.9 | 11.4 | 12.0 | 11.3 | 11.6 |
| 17 | 7.2 | 6.8 | 6.9 | 10.0 | 9.3 | 9.6 | 11.6 | 10.8 | 11.3 | 12.7 | 11.3 | 12.2 |
| 18 | 7.2 | 6.8 | 7.0 | 10.0 | 9.1 | 9.4 | 11.3 | 10.7 | 11.0 | 13.6 | 12.6 | 13.2 |
| 19 | 6.9 | 6.3 | 6.7 | 9.8 | 8.6 | 9.1 | 11.3 | 10.7 | 10.9 | 14.0 | 13.4 | 13.7 |
| 20 | 6.7 | 6.2 | 6.3 | 9.5 | 7.9 | 8.5 | 12.2 | 10.8 | 11.7 | 13.9 | 13.0 | 13.5 |
| 21 | 6.7 | 6.1 | 6.3 | 9.4 | 7.6 | 8.2 | 12.5 | 11.9 | 12.2 | 13.0 | 12.0 | 12.7 |
| 22 | 6.8 | 6.1 | 6.3 | 9.5 | 7.4 | 8.1 | 12.1 | 11.2 | 11.8 | 12.3 | 11.8 | 12.0 |
| 23 | 7.1 | 6.2 | 6.6 | 8.0 | 6.9 | 7.3 | 11.2 | 9.5 | 10.3 | 13.4 | 11.8 | 12.7 |
| 24 | 7.0 | 6.4 | 6.7 | 7.4 | 6.8 | 7.0 | 11.2 | 9.5 | 10.4 | 13.9 | 13.0 | 13.4 |
| 25 | 6.8 | 6.2 | 6.5 | 7.4 | 6.5 | 7.0 | 12.2 | 10.8 | 11.5 | 13.6 | 12.6 | 13.2 |
| 26 | 6.8 | 6.1 | 6.4 | 8.6 | 7.2 | 8.0 | 12.6 | 11.6 | 12.0 | 12.8 | 11.6 | 12.4 |
| 27 | 6.5 | 5.5 | 6.2 | 9.5 | 8.2 | 9.0 | 12.9 | 12.0 | 12.5 | 12.4 | 11.3 | 11.8 |
| 28 | 6.2 | 5.8 | 6.0 | 10.6 | 9.3 | 10.1 | 13.4 | 12.6 | 13.0 | 13.2 | 11.2 | 12.2 |
| 29 | 6.3 | 5.8 | 6.0 | 10.5 | 9.6 | 10 | 13.2 | 12.5 | 12.9 | --- | --- | --- |
| 30 | 6.4 | 5.6 | 6.0 | 10.6 | 9.7 | 10.1 | 12.9 | 11.4 | 12.3 | --- | --- | --- |
| 31 | 5.8 | 5.3 | 5.5 | --- | --- | --- | 12.4 | 11.0 | 11.6 | 12.6 | 11.6 | 12.0 |
| MONTH | --- | --- | --- | 10.6 | 4.2 | 7.8 | 13.4 | 7.7 | 10.6 | --- | --- | --- |
| | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| 1 | 13.1 | 11.5 | 12.1 | 11.2 | 10.7 | 11.0 | 9.3 | 8.5 | 9.0 | 7.9 | 6.7 | 7.3 |
| 2 | 13.5 | 11.4 | 12.4 | 11.8 | 11.0 | 11.4 | 8.9 | 8.4 | 8.7 | 7.8 | 6.8 | 7.4 |
| 3 | 12.2 | 11.2 | 11.7 | 11.6 | 11.1 | 11.3 | 9.8 | 8.8 | 9.2 | 8.1 | 6.8 | 7.4 |
| 4 | 11.7 | 10.8 | 11.4 | 11.5 | 10.8 | 11.2 | 9.4 | 8.4 | 8.9 | 8.4 | 7.0 | 7.6 |
| 5 | 11.7 | 10.7 | 11.2 | 11.1 | 10.3 | 10.7 | 8.9 | 7.6 | 8.3 | 8.3 | 7.3 | 7.8 |
| 6 | 11.6 | 10.7 | 11.1 | 11.1 | 10.1 | 10.6 | 8.9 | 7.2 | 8.0 | 8.6 | 7.6 | 8.0 |
| 7 | 11.6 | 10.5 | 11.1 | 11.1 | 9.4 | 10.4 | --- | --- | --- | 8.8 | 7.8 | 8.2 |
| 8 | 11.5 | 9.8 | 10.7 | 10.0 | 9.3 | 9.6 | --- | --- | --- | 8.5 | 7.3 | 7.9 |
| 9 | 10.4 | 9.1 | 9.8 | 11.0 | 9.6 | 10.4 | 8.8 | 6.8 | 7.5 | 8.3 | 7.2 | 7.6 |
| 10 | 10.9 | 9.0 | 9.8 | 10.9 | 10.0 | 10.4 | 9.2 | 6.8 | 7.8 | 8.4 | 7.0 | 7.5 |
| 11 | 11.8 | 9.5 | 10.6 | 10.5 | 9.8 | 10.1 | 9.5 | 7.0 | 8.0 | 7.8 | 6.8 | 7.2 |
| 12 | 12.5 | 10.6 | 11.4 | 10.2 | 9.0 | 9.7 | 8.8 | 6.8 | 7.5 | 7.5 | 6.6 | 7.0 |
| 13 | 12.7 | 10.7 | 11.5 | 9.7 | 8.0 | 9.0 | 9.1 | 7.8 | 8.6 | 7.0 | 6.5 | 6.8 |
| 14 | 11.9 | 9.8 | 10.7 | 9.6 | 8.0 | 8.7 | 9.6 | 8.7 | 9.3 | 7.2 | 5.9 | 6.7 |
| 15 | 10.6 | 9.4 | 9.9 | 10.6 | 8.2 | 9.4 | 9.7 | 8.8 | 9.2 | 6.2 | 5.4 | 5.7 |
| 16 | 10.8 | 9.1 | 9.8 | 11.3 | 8.7 | 10 | 9.6 | 8.8 | 9.2 | 6.8 | 5.3 | 6.1 |
| 17 | 11.1 | 9.2 | 9.9 | 11.6 | 11.1 | 11.4 | 9.5 | 8.8 | 9.1 | 7.2 | 5.9 | 6.4 |
| 18 | 11.9 | 9.6 | 10.7 | 12.0 | 10.4 | 11.3 | 9.2 | 8.2 | 8.8 | 7.1 | 6.1 | 6.5 |
| 19 | 12.8 | 9.9 | 11.1 | 11.5 | 10.3 | 10.8 | 8.6 | 7.2 | 8.0 | 7.3 | 6.1 | 6.6 |
| 20 | 12.7 | 10.0 | 11.0 | 10.7 | 9.6 | 10.2 | --- | --- | --- | 7.1 | 5.9 | 6.5 |
| 21 | 10.6 | 9.5 | 10.2 | 10.3 | 9.1 | 9.6 | --- | --- | --- | 6.6 | 6.2 | 6.4 |
| 22 | 10.4 | 9.4 | 9.9 | 10.2 | 8.9 | 9.5 | --- | --- | --- | 7.0 | 6.3 | 6.6 |
| 23 | 10.7 | 9.1 | 9.7 | 9.4 | 8.1 | 8.9 | --- | --- | --- | 7.0 | 6.2 | 6.5 |
| 24 | 10.4 | 9.4 | 9.9 | 9.7 | 8.1 | 8.7 | --- | --- | --- | 7.0 | 6.2 | 6.6 |
| 25 | 11.0 | 10.1 | 10.5 | 9.9 | 7.7 | 8.6 | --- | --- | --- | 7.6 | 6.5 | 7.0 |
| 26 | 11.3 | 10.0 | 10.6 | 9.7 | 8.0 | 8.7 | --- | --- | --- | 7.6 | 6.8 | 7.1 |
| 27 | 11.6 | 10.4 | 10.9 | 9.2 | 8.2 | 8.5 | 8.6 | 7.2 | 7.7 | 7.7 | 6.8 | 7.1 |
| 28 | 11.5 | 10.3 | 11.1 | 9.0 | 8.0 | 8.5 | 8.9 | 7.4 | 8.0 | 7.5 | 6.7 | 7.0 |
| 29 | --- | --- | --- | 9.7 | 8.4 | 9.2 | 8.8 | 7.1 | 7.7 | 7.7 | 6.7 | 7.1 |
| 30 | --- | --- | --- | 9.5 | 8.4 | 8.9 | 7.6 | 6.8 | 7.2 | 7.3 | 6.7 | 7.0 |
| 31 | --- | --- | --- | 9.0 | 8.1 | 8.6 | --- | --- | --- | 7.6 | 6.7 | 7.1 |
| MONTH | 13.5 | 9.0 | 10.7 | 12.0 | 7.7 | 9.8 | --- | --- | --- | 8.8 | 5.3 | 7.0 |

PEE DEE RIVER BASIN

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| | | | | | | | | | | | | |
| 1 | 7.2 | 6.6 | 6.9 | 6.3 | 5.6 | 5.9 | --- | --- | --- | 6.1 | 5.0 | 5.4 |
| 2 | 8.7 | 6.9 | 7.7 | 6.5 | 5.6 | 6.1 | 6.6 | 5.9 | 6.3 | 6.4 | 5.1 | 5.6 |
| 3 | 8.0 | 7.6 | 7.8 | 6.6 | 5.9 | 6.1 | 6.3 | 5.7 | 6.0 | 6.6 | 5.3 | 5.7 |
| 4 | 7.7 | 7.2 | 7.6 | 6.7 | 6.0 | 6.3 | 6.3 | 5.6 | 5.9 | 6.7 | 5.5 | 5.9 |
| 5 | 7.3 | 6.9 | 7.2 | 6.7 | 5.8 | 6.2 | 6.2 | 5.3 | 5.7 | 6.8 | 5.5 | 5.9 |
| 6 | 7.1 | 6.7 | 6.9 | 6.6 | 5.6 | 6.0 | 6.1 | 5.3 | 5.6 | 6.8 | 5.2 | 5.8 |
| 7 | 7.2 | 6.7 | 6.9 | 6.6 | 5.6 | 6.0 | 6.4 | 5.4 | 5.8 | 6.9 | 5.2 | 5.7 |
| 8 | 7.3 | 6.2 | 6.8 | 6.3 | 5.8 | 6.2 | 6.5 | 5.4 | 5.9 | 6.6 | 5.1 | 5.6 |
| 9 | 7.1 | 6.3 | 6.7 | 6.5 | 5.9 | 6.1 | 6.6 | 5.6 | 6.1 | 6.8 | 5.2 | 5.8 |
| 10 | 6.9 | 6.4 | 6.6 | 6.5 | 5.9 | 6.1 | 6.5 | 5.8 | 6.1 | 6.6 | 5.2 | 5.7 |
| 11 | 7.1 | 6.4 | 6.8 | 6.5 | 5.8 | 6.0 | 6.7 | 5.7 | 6.1 | 6.2 | 4.9 | 5.4 |
| 12 | 6.7 | 6.0 | 6.4 | 6.5 | 5.7 | 6.0 | 6.4 | 5.6 | 5.9 | 5.7 | 4.5 | 5.0 |
| 13 | 6.5 | 5.8 | 6.1 | 6.6 | 5.7 | 6.1 | 6.6 | 5.5 | 5.9 | 6.0 | 4.4 | 4.9 |
| 14 | 6.5 | 5.8 | 6.0 | 6.8 | 5.7 | 6.2 | 6.1 | 4.4 | 5.3 | 6.8 | 4.4 | 5.2 |
| 15 | 6.5 | 5.7 | 6.0 | 6.6 | 5.8 | 6.1 | 6.6 | 3.9 | 6.1 | 6.4 | 4.2 | 5.0 |
| 16 | 6.7 | 5.7 | 6.2 | 6.8 | 5.7 | 6.1 | 6.2 | 5.4 | 5.7 | 6.6 | 3.9 | 4.8 |
| 17 | 7.0 | 6.0 | 6.4 | 6.6 | 5.8 | 6.1 | --- | --- | --- | 5.8 | 3.6 | 4.5 |
| 18 | 7.2 | 6.2 | 6.6 | 6.6 | 5.6 | 6.0 | 7.0 | 4.9 | 5.7 | 5.5 | 3.6 | 4.3 |
| 19 | 7.2 | 6.3 | 6.6 | 6.6 | 5.5 | 6.0 | 6.6 | 5.4 | 6.1 | 5.6 | 4.2 | 4.7 |
| 20 | 7.4 | 6.4 | 6.9 | 6.5 | 5.3 | 5.9 | 5.6 | 4.8 | 5.2 | 5.7 | 4.1 | 5.0 |
| 21 | 7.5 | 6.7 | 7.0 | 6.6 | 5.8 | 6.1 | 5.6 | 4.8 | 5.1 | 5.8 | 5.2 | 5.4 |
| 22 | 7.6 | 6.6 | 7.1 | 7.0 | 6.1 | 6.4 | 5.5 | 4.7 | 5.0 | 6.2 | 4.9 | 5.4 |
| 23 | 7.4 | 6.6 | 6.9 | 6.9 | 5.8 | 6.3 | 5.8 | 4.9 | 5.4 | 6.2 | 4.3 | 5.2 |
| 24 | 7.3 | 6.4 | 6.8 | 6.7 | 5.7 | 6.1 | 6.3 | 5.2 | 5.6 | 5.8 | 3.9 | 4.7 |
| 25 | 7.3 | 6.4 | 6.7 | 6.8 | 5.5 | 6.0 | 6.4 | 5.5 | 5.9 | 5.7 | 3.7 | 4.5 |
| 26 | 7.1 | 6.3 | 6.6 | 6.8 | 5.5 | 6.0 | 6.7 | 5.7 | 6.1 | 5.7 | 3.5 | 4.4 |
| 27 | 7.0 | 6.2 | 6.5 | --- | --- | --- | 7.0 | 5.8 | 6.2 | 5.6 | 3.4 | 4.2 |
| 28 | 7.1 | 6.1 | 6.5 | --- | --- | --- | 7.0 | 5.9 | 6.4 | 5.8 | 3.5 | 4.6 |
| 29 | 6.8 | 6.0 | 6.4 | --- | --- | --- | 6.9 | 5.7 | 6.1 | 6.2 | 3.6 | 4.8 |
| 30 | 6.6 | 5.8 | 6.2 | --- | --- | --- | 6.5 | 5.3 | 5.8 | 6.4 | 3.9 | 5.1 |
| 31 | --- | --- | --- | --- | --- | --- | 5.5 | 4.9 | 5.2 | --- | --- | --- |
| MONTH | 8.7 | 5.7 | 6.7 | --- | --- | --- | --- | --- | --- | 6.9 | 3.4 | 5.1 |

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
|-------|----------|-----|------|----------|-----|------|----------|-----|------|---------|-----|------|
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 75 | 73 | 74 | 65 | 56 | 58 | 92 | 81 | 86 | 104 | 87 | 95 |
| 2 | 74 | 71 | 73 | 64 | 54 | 57 | 91 | 80 | 85 | 108 | 86 | 96 |
| 3 | 73 | 62 | 70 | 63 | 51 | 55 | 92 | 81 | 86 | 110 | 85 | 97 |
| 4 | 71 | 67 | 69 | 56 | 46 | 50 | 93 | 83 | 87 | 108 | 84 | 95 |
| 5 | 70 | 66 | 68 | 70 | 56 | 64 | 94 | 82 | 88 | 109 | 80 | 94 |
| 6 | 71 | 66 | 68 | 69 | 63 | 66 | 91 | 81 | 87 | 104 | 78 | 90 |
| 7 | --- | --- | --- | 71 | 64 | 68 | 90 | 78 | 83 | 107 | 78 | 93 |
| 8 | 77 | 72 | 74 | 73 | 62 | 68 | 87 | 74 | 79 | 102 | 79 | 91 |
| 9 | 74 | 70 | 72 | 73 | 65 | 68 | 77 | 73 | 75 | 109 | 80 | 94 |
| 10 | 75 | 69 | 71 | 76 | 67 | 71 | 83 | 74 | 80 | 114 | 82 | 98 |
| 11 | 75 | 69 | 71 | 76 | 71 | 73 | 83 | 79 | 81 | 115 | 84 | 101 |
| 12 | 75 | 69 | 71 | 76 | 71 | 73 | 86 | 79 | 82 | 117 | 85 | 103 |
| 13 | 75 | 68 | 71 | 78 | 70 | 73 | 86 | 79 | 82 | 118 | 85 | 102 |
| 14 | 71 | 67 | 70 | 79 | 70 | 74 | 87 | 79 | 82 | 100 | 87 | 94 |
| 15 | 70 | 66 | 68 | 83 | 74 | 78 | 89 | 81 | 85 | 104 | 96 | 100 |
| 16 | 71 | 66 | 69 | 85 | 74 | 81 | 91 | 83 | 86 | 103 | 96 | 99 |
| 17 | 72 | 66 | 69 | 88 | 80 | 83 | 90 | 83 | 86 | 103 | 94 | 98 |
| 18 | 73 | 68 | 70 | 89 | 79 | 83 | 89 | 83 | 86 | 104 | 97 | 100 |
| 19 | 72 | 66 | 69 | 93 | 79 | 84 | 90 | 83 | 85 | 103 | 97 | 99 |
| 20 | 72 | 65 | 68 | 92 | 76 | 82 | 90 | 83 | 87 | 104 | 96 | 99 |
| 21 | 71 | 65 | 67 | 94 | 74 | 80 | 93 | 86 | 89 | 102 | 93 | 98 |
| 22 | 72 | 64 | 67 | 95 | 73 | 81 | 95 | 87 | 90 | 96 | 92 | 94 |
| 23 | 74 | 65 | 68 | 81 | 70 | 74 | 91 | 84 | 88 | 101 | 91 | 95 |
| 24 | 72 | 66 | 68 | 77 | 70 | 73 | 94 | 82 | 87 | 103 | 92 | 97 |
| 25 | 71 | 64 | 67 | 76 | 67 | 71 | 97 | 86 | 91 | 104 | 94 | 98 |
| 26 | 70 | 63 | 66 | 80 | 68 | 74 | 98 | 89 | 92 | 104 | 91 | 96 |
| 27 | 68 | 57 | 64 | 83 | 72 | 78 | 98 | 89 | 93 | 102 | 88 | 94 |
| 28 | 65 | 60 | 63 | 95 | 81 | 90 | 100 | 91 | 95 | 103 | 86 | 94 |
| 29 | 66 | 60 | 62 | 94 | 86 | 89 | 101 | 92 | 96 | --- | --- | --- |
| 30 | 69 | 60 | 63 | 93 | 84 | 88 | 105 | 92 | 97 | --- | --- | --- |
| 31 | 64 | 57 | 59 | --- | --- | --- | 104 | 88 | 95 | 101 | 90 | 94 |
| MONTH | --- | --- | --- | 95 | 46 | 74 | 105 | 73 | 87 | --- | --- | --- |
| DAY | FEBRUARY | | | MARCH | | | APRIL | | | MAY | | |
| | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| 1 | 106 | 89 | 95 | 95 | 89 | 92 | 92 | 85 | 89 | 84 | 69 | 75 |
| 2 | 106 | 87 | 95 | 98 | 90 | 93 | 90 | 84 | 87 | 82 | 70 | 76 |
| 3 | 95 | 89 | 91 | 98 | 90 | 93 | 95 | 84 | 88 | 83 | 69 | 75 |
| 4 | 95 | 89 | 92 | 97 | 90 | 93 | 96 | 82 | 88 | 85 | 70 | 77 |
| 5 | 98 | 87 | 91 | 98 | 89 | 92 | 95 | 78 | 85 | 82 | 73 | 77 |
| 6 | 98 | 86 | 92 | 101 | 88 | 93 | 98 | 76 | 84 | 86 | 74 | 79 |
| 7 | 99 | 87 | 92 | 104 | 86 | 94 | --- | --- | --- | 88 | 76 | 81 |
| 8 | 101 | 86 | 92 | 95 | 85 | 89 | --- | --- | --- | 88 | 75 | 81 |
| 9 | 94 | 83 | 88 | 96 | 86 | 91 | 99 | 72 | 81 | 88 | 74 | 79 |
| 10 | 100 | 81 | 88 | 98 | 85 | 90 | 102 | 71 | 83 | 90 | 72 | 79 |
| 11 | 102 | 81 | 90 | 95 | 85 | 89 | 105 | 73 | 85 | 84 | 71 | 77 |
| 12 | 107 | 84 | 94 | 94 | 81 | 86 | 95 | 71 | 79 | 82 | 72 | 76 |
| 13 | 107 | 86 | 95 | 95 | 76 | 85 | 87 | 79 | 85 | 77 | 71 | 74 |
| 14 | 102 | 86 | 92 | 92 | 75 | 82 | 91 | 85 | 88 | 81 | 66 | 75 |
| 15 | 98 | 85 | 90 | 101 | 75 | 87 | 95 | 84 | 89 | 70 | 60 | 63 |
| 16 | 103 | 85 | 91 | 98 | 77 | 88 | 94 | 85 | 89 | 76 | 59 | 67 |
| 17 | 106 | 84 | 92 | 98 | 93 | 96 | 95 | 83 | 88 | 79 | 64 | 70 |
| 18 | 107 | 84 | 93 | 105 | 92 | 97 | 95 | 82 | 87 | 78 | 66 | 71 |
| 19 | 113 | 83 | 95 | 103 | 90 | 96 | 92 | 75 | 83 | 81 | 67 | 72 |
| 20 | 111 | 85 | 94 | 103 | 88 | 94 | --- | --- | --- | 78 | 64 | 71 |
| 21 | 94 | 86 | 90 | 100 | 84 | 90 | --- | --- | --- | 72 | 67 | 70 |
| 22 | 97 | 86 | 90 | 96 | 82 | 88 | --- | --- | --- | 76 | 67 | 71 |
| 23 | 103 | 83 | 91 | 94 | 81 | 87 | --- | --- | --- | 78 | 67 | 71 |
| 24 | 92 | 86 | 89 | 99 | 79 | 86 | --- | --- | --- | 76 | 67 | 71 |
| 25 | 98 | 87 | 91 | 103 | 76 | 86 | --- | --- | --- | 80 | 69 | 73 |
| 26 | 101 | 86 | 92 | 97 | 79 | 86 | --- | --- | --- | 82 | 70 | 75 |
| 27 | 102 | 89 | 93 | 89 | 79 | 83 | 86 | 69 | 76 | 84 | 71 | 76 |
| 28 | 95 | 86 | 92 | 87 | 79 | 83 | 89 | 71 | 78 | 81 | 72 | 76 |
| 29 | --- | --- | --- | 94 | 85 | 89 | 90 | 71 | 77 | 83 | 71 | 76 |
| 30 | --- | --- | --- | 97 | 84 | 89 | 78 | 70 | 73 | 78 | 71 | 74 |
| 31 | --- | --- | --- | 90 | 82 | 86 | --- | --- | --- | 82 | 73 | 76 |
| MONTH | 113 | 81 | 92 | 105 | 75 | 89 | --- | --- | --- | 90 | 59 | 74 |

PEE DEE RIVER BASIN

02124692 GOOSE CREEK AT FAIRVIEW, NC—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|-------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| | | | | | | | | | | | | |
| 1 | 77 | 71 | 73 | 72 | 62 | 66 | --- | --- | --- | 75 | 60 | 65 |
| 2 | 90 | 73 | 80 | 71 | 62 | 66 | 80 | 71 | 75 | 78 | 60 | 66 |
| 3 | 84 | 81 | 83 | 71 | 62 | 65 | 77 | 69 | 72 | 80 | 62 | 67 |
| 4 | 85 | 80 | 82 | 71 | 62 | 65 | 78 | 67 | 72 | 80 | 63 | 68 |
| 5 | 83 | 78 | 80 | 82 | 61 | 68 | 77 | 65 | 70 | 80 | 62 | 68 |
| 6 | 83 | 77 | 79 | 80 | 68 | 72 | 75 | 64 | 68 | 79 | 58 | 66 |
| 7 | 85 | 77 | 80 | 80 | 67 | 72 | 78 | 65 | 70 | 80 | 58 | 64 |
| 8 | 85 | 72 | 79 | 76 | 68 | 72 | 79 | 64 | 71 | 78 | 57 | 64 |
| 9 | 84 | 73 | 79 | 76 | 68 | 71 | 82 | 67 | 74 | 79 | 57 | 65 |
| 10 | 82 | 76 | 78 | 75 | 67 | 70 | 80 | 70 | 74 | 76 | 56 | 64 |
| 11 | 84 | 76 | 79 | 79 | 66 | 71 | 84 | 70 | 74 | 71 | 53 | 60 |
| 12 | 80 | 71 | 76 | 79 | 67 | 72 | 81 | 68 | 72 | 64 | 48 | 55 |
| 13 | 78 | 69 | 73 | 78 | 67 | 71 | 83 | 68 | 73 | 70 | 48 | 56 |
| 14 | 80 | 69 | 73 | 77 | 64 | 70 | 76 | 54 | 65 | 80 | 51 | 60 |
| 15 | 80 | 69 | 73 | 82 | 64 | 71 | 81 | 48 | 74 | 77 | 48 | 58 |
| 16 | 81 | 69 | 75 | 82 | 68 | 73 | 78 | 67 | 71 | 79 | 46 | 56 |
| 17 | 83 | 71 | 75 | 79 | 67 | 71 | --- | --- | --- | 71 | 43 | 54 |
| 18 | 84 | 71 | 76 | 78 | 65 | 69 | 86 | 60 | 70 | 67 | 41 | 50 |
| 19 | 84 | 72 | 76 | 84 | 61 | 71 | 80 | 67 | 75 | 68 | 49 | 55 |
| 20 | 85 | 72 | 78 | 80 | 65 | 71 | 72 | 60 | 66 | 68 | 47 | 58 |
| 21 | 86 | 70 | 79 | 79 | 68 | 73 | 72 | 60 | 65 | 70 | 61 | 64 |
| 22 | 89 | 67 | 75 | 81 | 70 | 74 | 70 | 59 | 63 | 75 | 57 | 64 |
| 23 | 86 | 75 | 79 | 78 | 64 | 70 | 73 | 61 | 66 | 74 | 51 | 61 |
| 24 | 86 | 73 | 78 | 74 | 59 | 65 | 78 | 64 | 69 | 69 | 46 | 55 |
| 25 | 85 | 72 | 77 | 74 | 56 | 62 | 79 | 67 | 71 | 68 | 43 | 53 |
| 26 | 82 | 71 | 74 | 73 | 54 | 61 | 81 | 67 | 72 | 68 | 41 | 52 |
| 27 | 84 | 69 | 75 | --- | --- | --- | 84 | 67 | 73 | 67 | 40 | 50 |
| 28 | 81 | 71 | 75 | --- | --- | --- | 86 | 70 | 76 | 68 | 40 | 53 |
| 29 | 78 | 68 | 73 | --- | --- | --- | 84 | 68 | 73 | 73 | 42 | 55 |
| 30 | 75 | 65 | 70 | --- | --- | --- | 80 | 65 | 71 | 71 | 44 | 56 |
| 31 | --- | --- | --- | --- | --- | --- | 69 | 60 | 64 | --- | --- | --- |
| MONTH | 90 | 65 | 77 | --- | --- | --- | --- | --- | --- | 80 | 40 | 59 |

02124742 ROCKY RIVER NEAR STANFIELD, NC

LOCATION.--Lat 35°10'10", long 80°28'23", Union County, Hydrologic Unit 03040105, on right bank at bridge on Secondary Road 1606, 1.3 mi upstream from Crooked Creek, and 5.0 mi southwest of Stanfield

DRAINAGE AREA.--628 mi².

PERIOD OF RECORD.--April 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 419.46 ft above NAVD of 1988, from levels. Satellite telemetry at station.

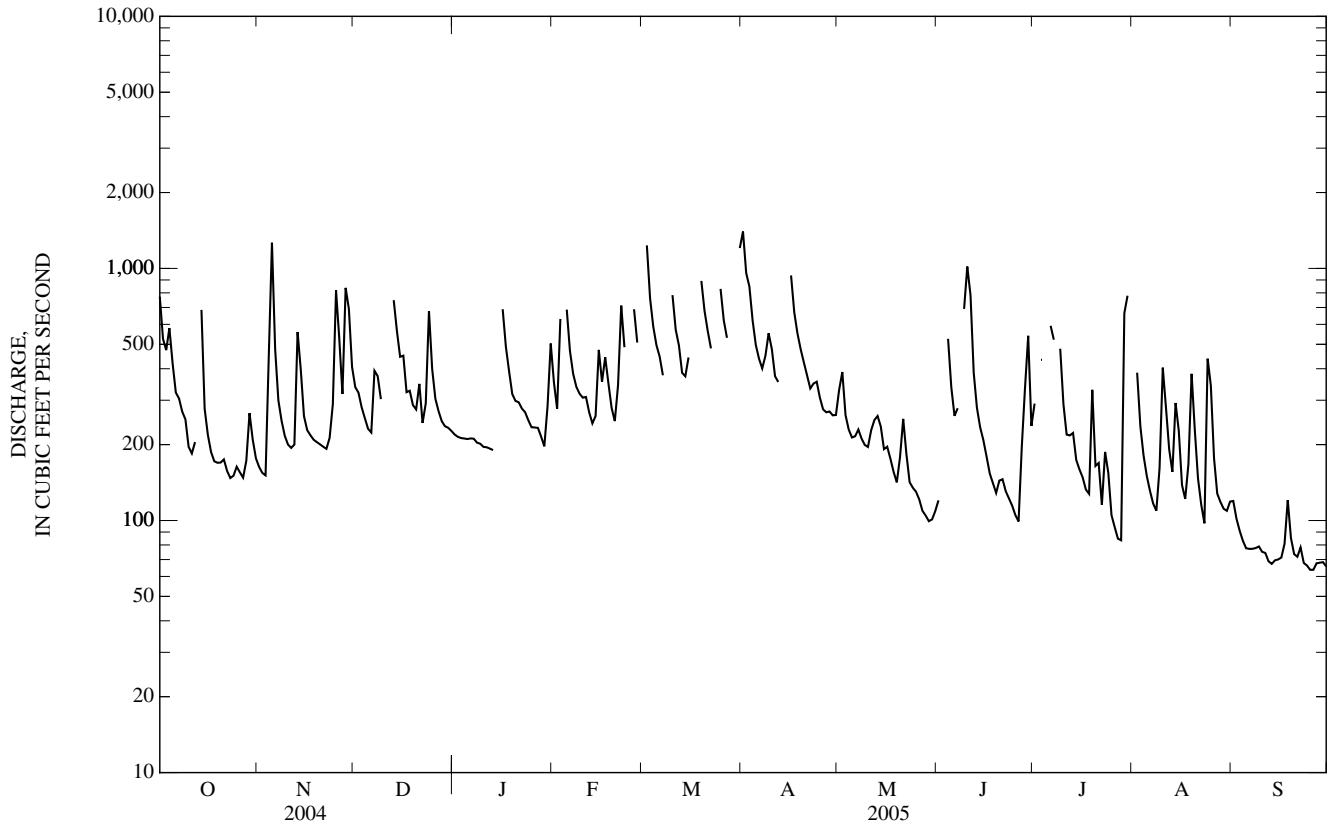
REMARKS.--Records fair except those for estimated daily discharges, which are poor. WSACC Rocky River waste water treatment plant discharged an average of 20.5 ft³/s as treated effluent 16.5 mi upstream from station. Minimum discharge for period of record and current water year affected by regulation. Site is affected by variable backwater conditions at high flow; therefore, a peak flow was not determined for current water year and period of record. Missing discharge values on the daily values table are days when the flow exceeded the rating. Minimum discharge for current water year also occurred Sept. 26.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|-----|-------|-----|------|-----|-------|-------|-----|-------|-----|-----|-----|
| 1 | 773 | 163 | 338 | 219 | 353 | --- | 1,400 | 330 | 120 | 291 | --- | 120 |
| 2 | 526 | 155 | 322 | 215 | 277 | 1,230 | 958 | 388 | --- | --- | 386 | 102 |
| 3 | 474 | 151 | 281 | 212 | 630 | 762 | 847 | 262 | --- | 434 | 237 | 91 |
| 4 | 579 | 446 | 254 | 212 | --- | 588 | 621 | 229 | 526 | --- | 181 | 83 |
| 5 | 420 | 1,260 | 231 | 210 | 686 | 496 | 497 | 213 | 338 | --- | 151 | 78 |
| 6 | 322 | 478 | 223 | 212 | 470 | 446 | 438 | 216 | 260 | 592 | 131 | 77 |
| 7 | 305 | 300 | 393 | 211 | 382 | 377 | 401 | 229 | 279 | 522 | 117 | 77 |
| 8 | 270 | 249 | 374 | 204 | 339 | --- | 450 | 211 | --- | --- | 109 | 78 |
| 9 | 252 | 217 | 303 | 202 | 318 | --- | 553 | 200 | 691 | 480 | 161 | 79 |
| 10 | 196 | 200 | --- | 196 | 307 | 783 | 478 | 196 | 1,020 | 289 | 404 | 75 |
| 11 | 185 | 194 | --- | 195 | 309 | 571 | 373 | 228 | 783 | 219 | 280 | 74 |
| 12 | 205 | 200 | --- | 193 | 269 | 495 | 355 | 250 | 385 | 218 | 192 | 69 |
| 13 | --- | 559 | 748 | 190 | 243 | 385 | --- | 260 | 280 | 222 | 156 | 67 |
| 14 | 685 | 396 | 565 | --- | 260 | 373 | --- | 236 | 235 | 174 | 293 | 69 |
| 15 | 277 | 259 | 446 | --- | 475 | 443 | --- | 192 | 209 | 159 | 227 | 70 |
| 16 | 219 | 228 | 451 | 689 | 355 | --- | 938 | 196 | 180 | 148 | 138 | 71 |
| 17 | 187 | 218 | 323 | 489 | 445 | --- | 669 | 176 | 154 | 133 | 122 | 81 |
| 18 | 172 | 209 | 327 | 391 | 350 | --- | 552 | 156 | 141 | 128 | 167 | 120 |
| 19 | 169 | 205 | 287 | 317 | 280 | 892 | 478 | 142 | 129 | 330 | 382 | 85 |
| 20 | 170 | 201 | 276 | 298 | 248 | 678 | 423 | 178 | 144 | 165 | 228 | 74 |
| 21 | 175 | 196 | 348 | 295 | 344 | 564 | 376 | 253 | 146 | 169 | 147 | 72 |
| 22 | 157 | 192 | 244 | 278 | 712 | 482 | 334 | 183 | 131 | 115 | 116 | 78 |
| 23 | 147 | 213 | 292 | 269 | 487 | --- | 349 | 142 | 122 | 187 | 97 | 68 |
| 24 | 151 | 290 | 678 | e250 | --- | --- | 355 | 135 | 114 | 154 | 438 | 66 |
| 25 | 163 | 818 | 399 | 234 | --- | 829 | 307 | 130 | 105 | 105 | 343 | 64 |
| 26 | 155 | 530 | 304 | 234 | 689 | 622 | 276 | 121 | 99 | 94 | 177 | 64 |
| 27 | 148 | 318 | 271 | 233 | 508 | 531 | 269 | 109 | 195 | 85 | 128 | 68 |
| 28 | 173 | 837 | 248 | 215 | --- | --- | 271 | 105 | 334 | 83 | 118 | 68 |
| 29 | 267 | 691 | 237 | 197 | --- | --- | 261 | 99 | 540 | 664 | 111 | 68 |
| 30 | 209 | 406 | 233 | 283 | --- | --- | 262 | 101 | 237 | 780 | 109 | 66 |
| 31 | 176 | --- | 227 | 504 | --- | 1,200 | --- | 109 | --- | --- | 119 | --- |

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 2000 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| LOWEST DAILY MEAN | 74 | Aug 11 | 64 | Sep 25 | 35 | Sep 18, 2000 |
| ANNUAL SEVEN-DAY MINIMUM | 93 | Aug 6 | 66 | Sep 24 | 40 | Aug 7, 2002 |
| MAXIMUM PEAK STAGE | | | | | 14.50 | Apr 11, 2003 |
| INSTANTANEOUS LOW FLOW | | | 53* | Sep 25 | 29* | Aug 12, 2002 |

* See REMARKS.
e Estimated.



02125000 BIG BEAR CREEK NEAR RICHFIELD, NC

LOCATION.--Lat 35°20'05", long 80°20'08", Stanly County, Hydrologic Unit 03040105, on left bank 300 ft downstream of Little Creek, 400 ft upstream from bridge on Secondary Road 1134, and 10 mi southwest of Richfield.

DRAINAGE AREA.--55.6 mi².

PERIOD OF RECORD.--May 1954 to current year.

REVISED RECORDS.--WSP 1503: 1955, 1956(M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 426.62 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Minimum discharge for current water year also occurred Sept. 20-22, 29-30. No flow occurs several days in most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of August 1921 reached a stage of about 19 ft, information from State Highway Commission.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| 1 | 65 | 14 | 37 | 17 | 32 | 231 | 109 | 16 | 2.7 | 67 | 70 | 1.5 |
| 2 | 52 | 13 | 31 | 16 | 26 | 109 | 87 | 13 | 46 | 36 | 24 | 1.3 |
| 3 | 43 | 13 | 27 | 16 | 100 | 74 | 62 | 10 | 36 | 8.4 | 14 | 1.1 |
| 4 | 36 | 87 | 23 | 15 | 127 | 55 | 47 | 9.1 | 16 | 7.0 | 10 | 0.89 |
| 5 | 29 | 98 | 21 | 15 | 67 | 46 | 39 | 8.3 | 11 | 74 | 8.1 | 0.77 |
| 6 | 25 | 45 | 20 | 15 | 45 | 38 | 33 | 9.2 | 7.5 | 12 | 6.7 | 0.66 |
| 7 | 22 | 31 | 40 | 15 | 37 | 34 | 31 | 8.9 | 8.3 | 262 | 5.8 | 0.62 |
| 8 | 20 | 24 | 33 | 14 | 33 | 188 | 33 | 8.1 | 82 | 172 | 6.7 | 0.60 |
| 9 | 19 | 19 | 31 | 14 | 31 | 120 | 38 | 6.9 | 16 | 31 | 27 | 0.53 |
| 10 | 17 | 16 | 433 | 13 | 29 | 70 | 29 | 6.3 | 9.5 | 16 | 26 | 0.46 |
| 11 | 16 | 15 | 171 | 13 | 25 | 55 | 24 | 7.6 | 7.1 | 11 | 11 | 0.40 |
| 12 | 15 | 29 | 85 | 13 | 22 | 46 | 23 | 6.9 | 5.8 | 8.8 | 8.2 | 0.31 |
| 13 | 490 | 57 | 57 | 13 | 21 | 39 | 146 | 6.2 | 5.5 | 7.1 | 6.6 | 0.33 |
| 14 | 93 | 32 | 41 | 761 | 24 | 41 | 495 | 5.7 | 5.0 | 6.2 | 5.6 | 0.34 |
| 15 | 49 | 24 | 32 | 172 | 38 | 36 | 122 | 5.1 | 4.1 | 5.4 | 5.0 | 0.28 |
| 16 | 33 | 22 | 29 | 82 | 33 | 168 | 62 | 4.7 | 3.2 | 4.9 | 4.4 | 0.21 |
| 17 | 25 | 20 | 27 | 54 | 38 | 515 | 45 | 4.2 | 2.6 | 3.8 | 7.0 | 0.34 |
| 18 | 21 | 17 | 25 | 40 | 28 | 192 | 36 | 4.0 | 2.2 | 3.3 | 6.4 | 0.28 |
| 19 | 19 | 16 | 24 | 34 | 24 | 112 | 30 | 3.6 | 3.5 | 3.0 | 6.0 | 0.13 |
| 20 | 18 | 15 | 21 | 32 | 22 | 77 | 25 | 4.7 | 4.5 | 2.8 | 4.7 | 0.11 |
| 21 | 17 | 15 | 19 | 31 | 33 | 58 | 21 | 4.7 | 2.9 | 2.3 | 4.0 | 0.09 |
| 22 | 15 | 14 | 19 | 28 | 45 | 54 | 19 | 4.2 | 2.2 | 2.3 | 3.4 | 0.07 |
| 23 | 15 | 22 | 36 | 25 | 34 | 157 | 18 | 3.9 | 1.9 | 2.3 | 3.2 | 0.10 |
| 24 | 14 | 35 | 43 | 21 | 146 | 119 | 16 | 3.4 | 1.6 | 1.7 | 5.3 | 0.10 |
| 25 | 14 | 56 | 30 | 21 | 116 | 71 | 14 | 3.0 | 1.4 | 1.4 | 13 | 0.08 |
| 26 | 13 | 34 | 25 | 21 | 66 | 52 | 13 | 2.7 | 1.4 | 1.1 | 5.6 | 0.08 |
| 27 | 13 | 27 | 22 | 20 | 49 | 44 | 13 | 2.4 | 1.3 | 0.96 | 3.8 | 0.11 |
| 28 | 18 | 159 | 19 | 17 | 642 | 849 | 12 | 2.1 | 2.9 | 0.82 | 2.7 | 0.10 |
| 29 | 21 | 68 | 19 | 16 | --- | 242 | 11 | 2.1 | 3.3 | 5.4 | 2.4 | 0.08 |
| 30 | 18 | 43 | 19 | 33 | --- | 107 | 11 | 2.2 | 2.4 | 9.8 | 2.1 | 0.06 |
| 31 | 15 | --- | 18 | 46 | --- | 102 | --- | 2.4 | --- | 487 | 1.9 | --- |
| TOTAL | 1,280 | 1,080 | 1,477 | 1,643 | 1,933 | 4,101 | 1,664 | 181.6 | 299.8 | 1,256.78 | 310.6 | 12.03 |
| MEAN | 41.3 | 36.0 | 47.6 | 53.0 | 69.0 | 132 | 55.5 | 5.86 | 9.99 | 40.5 | 10.0 | 0.40 |
| MAX | 490 | 159 | 433 | 761 | 642 | 849 | 495 | 16 | 82 | 487 | 70 | 1.5 |
| MIN | 13 | 13 | 18 | 13 | 21 | 34 | 11 | 2.1 | 1.3 | 0.82 | 1.9 | 0.06 |
| CFSM | 0.74 | 0.65 | 0.86 | 0.95 | 1.24 | 2.38 | 1.00 | 0.11 | 0.18 | 0.73 | 0.18 | 0.01 |
| IN. | 0.86 | 0.72 | 0.99 | 1.10 | 1.29 | 2.74 | 1.11 | 0.12 | 0.20 | 0.84 | 0.21 | 0.01 |

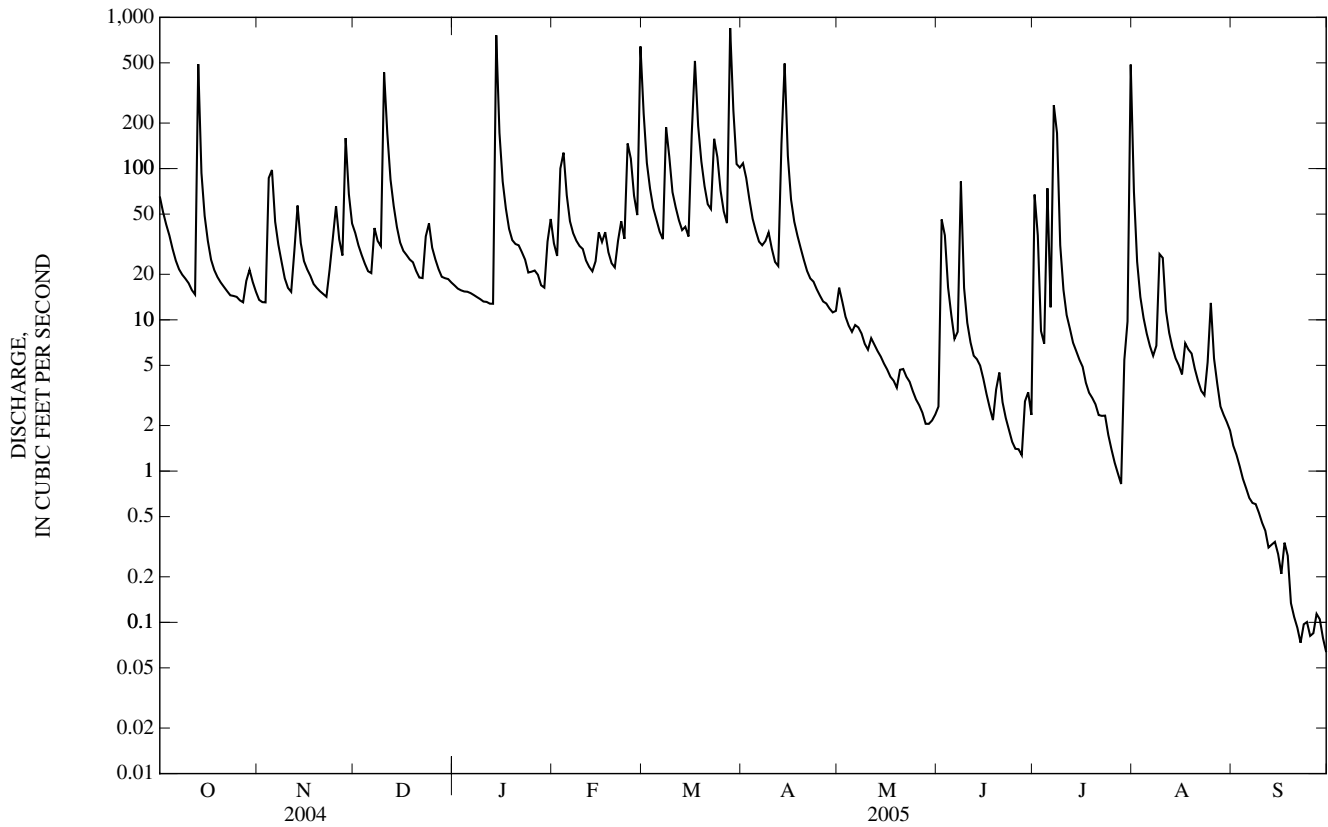
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2005, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 41.6 | 32.5 | 55.4 | 105 | 128 | 123 | 74.7 | 38.6 | 31.8 | 32.5 | 23.3 | 23.6 |
| MAX | 355 | 212 | 186 | 357 | 284 | 345 | 335 | 240 | 296 | 220 | 223 | 248 |
| (WY) | (1991) | (1986) | (1977) | (1998) | (1984) | (1993) | (2003) | (2003) | (2003) | (1984) | (1967) | (2004) |
| MIN | 0.01 | 0.34 | 2.12 | 4.38 | 16.2 | 13.2 | 6.87 | 1.32 | 0.24 | 0.01 | 0.00 | 0.00 |
| (WY) | (1962) | (1962) | (1966) | (1981) | (1986) | (1981) | (1967) | (1986) | (1986) | (2002) | (1980) | (1993) |

02125000 BIG BEAR CREEK NEAR RICHFIELD, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1954 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 15,199.20 | | 15,238.81 | | 59.0 | |
| ANNUAL MEAN | 41.5 | | 41.8 | | 174 | |
| HIGHEST ANNUAL MEAN | | | | | 18.2 | |
| LOWEST ANNUAL MEAN | | | | | 0.00 | |
| HIGHEST DAILY MEAN | 4,260 | Sep 28 | 849 | Mar 28 | 5,240 | Oct 11, 1990 |
| LOWEST DAILY MEAN | 0.00 | Jul 11 | 0.06 | Sep 30 | 0.00 | Sep 12, 1954 |
| ANNUAL SEVEN-DAY MINIMUM | 0.00 | Jul 11 | 0.09 | Sep 24 | 0.00 | Sep 12, 1954 |
| MAXIMUM PEAK FLOW | | | 2,810 | Mar 28 | 11,400 | Jul 23, 1997 |
| MAXIMUM PEAK STAGE | | | 8.18 | Mar 28 | 16.54 | Jul 23, 1997 |
| INSTANTANEOUS LOW FLOW | | | 0.06* | Sep 19 | 0.00* | Sep 12, 1954 |
| ANNUAL RUNOFF (CFSM) | 0.747 | | 0.751 | | 1.06 | |
| ANNUAL RUNOFF (INCHES) | 10.17 | | 10.20 | | 14.42 | |
| 10 PERCENT EXCEEDS | 53 | | 86 | | 118 | |
| 50 PERCENT EXCEEDS | 11 | | 18 | | 12 | |
| 90 PERCENT EXCEEDS | 0.48 | | 1.5 | | 0.41 | |

* See REMARKS.



02126000 ROCKY RIVER NEAR NORWOOD, NC

LOCATION.--Lat 35°08'56", long 80°10'33", Stanly County, Hydrologic Unit 03040105, on left bank 1,000 ft downstream of Lanes Creek, 1.5 mi upstream from bridge on Secondary Road 1935, 6 mi southwest of Norwood, and 11.2 mi upstream from mouth.

DRAINAGE AREA.--1,372 mi².

PERIOD OF RECORD.--October 1929 to current year.

REVISED RECORDS.--WSP 852: 1937. WSP 1052: 1936(M). WSP 1503: 1935, 1945. WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 212.91 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum gage height for period of record, from floodmark.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in August 1908 reached a stage of 35 ft, from information by local residents; discharge, 67,600 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 2,210 | 317 | 667 | 381 | 868 | 8,150 | 3,400 | 520 | 221 | 1,010 | 4,840 | 142 |
| 2 | 1,930 | 302 | 609 | 370 | 651 | 2,850 | 2,180 | 602 | 6,270 | 3,350 | 1,190 | 146 |
| 3 | 2,380 | 291 | 554 | 360 | 1,140 | 1,650 | 1,730 | 487 | 5,460 | 1,040 | 641 | 124 |
| 4 | 3,150 | 353 | 497 | 355 | 4,440 | 1,240 | 1,350 | 403 | 1,120 | 1,080 | 468 | 107 |
| 5 | 1,760 | 1,670 | 455 | 358 | 1,840 | 1,050 | 1,110 | 370 | 632 | 2,500 | 383 | 96 |
| 6 | 1,150 | 972 | 429 | 352 | 1,150 | 920 | 975 | 366 | 446 | 904 | 331 | 87 |
| 7 | 969 | 609 | 525 | 351 | 907 | 828 | 912 | 371 | 390 | 529 | 289 | 86 |
| 8 | 872 | 485 | 770 | 347 | 793 | 1,490 | 947 | 354 | 1,590 | 1,990 | 262 | 89 |
| 9 | 796 | 419 | 599 | 333 | 724 | 3,180 | 1,220 | 320 | 1,320 | 854 | 273 | 89 |
| 10 | 748 | 378 | 3,770 | 323 | 684 | 1,560 | 1,240 | 305 | 1,050 | 471 | 684 | 87 |
| 11 | 656 | 357 | 5,300 | 321 | 637 | 1,150 | 883 | 311 | 1,210 | 344 | 560 | 81 |
| 12 | 629 | 358 | 2,260 | 320 | 595 | 990 | 799 | 349 | 655 | 287 | 436 | 77 |
| 13 | 1,570 | 757 | 1,260 | 317 | 536 | 861 | 5,000 | 403 | 429 | 303 | 317 | 72 |
| 14 | 1,510 | 797 | 930 | 8,530 | 526 | 779 | 9,930 | 400 | 352 | 274 | 269 | 76 |
| 15 | 770 | 530 | 752 | 5,880 | 822 | 788 | 4,980 | 325 | 304 | e240 | 527 | 80 |
| 16 | 581 | 446 | 690 | 1,860 | 874 | 1,980 | 2,080 | 290 | 264 | 215 | 428 | 78 |
| 17 | 418 | 416 | 598 | 1,200 | 805 | 11,100 | 1,400 | 287 | e232 | 195 | 289 | 84 |
| 18 | 369 | 400 | 543 | 924 | 919 | 5,120 | 1,120 | 266 | 199 | 176 | 286 | 86 |
| 19 | 355 | 386 | 526 | 760 | 665 | 2,290 | 964 | 247 | 180 | 212 | 758 | 112 |
| 20 | 348 | 375 | 483 | 689 | 578 | 1,550 | 867 | 305 | 174 | 294 | 618 | 91 |
| 21 | 345 | 361 | 497 | 663 | 610 | 1,250 | 785 | 418 | 190 | 202 | 330 | 80 |
| 22 | 333 | 347 | 477 | 626 | 1,420 | 1,070 | 703 | 394 | 178 | 234 | 239 | 80 |
| 23 | 311 | 396 | 462 | 588 | 1,210 | 1,440 | 653 | 289 | 165 | 422 | 256 | 83 |
| 24 | 308 | 685 | 807 | 543 | 1,240 | 3,120 | 665 | 259 | 154 | 336 | 578 | 81 |
| 25 | 307 | 929 | 739 | 519 | 2,860 | 1,550 | 600 | 242 | 144 | 205 | 657 | 73 |
| 26 | 314 | 953 | 546 | 491 | 1,530 | 1,150 | 561 | 232 | 136 | 154 | 343 | 72 |
| 27 | 301 | 612 | 480 | 487 | 1,070 | 998 | 532 | 216 | 130 | 137 | 241 | 68 |
| 28 | 324 | 1,020 | 436 | 452 | 8,740 | 9,470 | 491 | 200 | 3,740 | 124 | 187 | 72 |
| 29 | 420 | 1,310 | 406 | 419 | --- | 10,400 | 470 | 193 | 4,110 | 345 | 170 | 75 |
| 30 | 419 | 834 | 401 | 501 | --- | 3,300 | 451 | 190 | 801 | 1,020 | 153 | 80 |
| 31 | 358 | --- | 394 | 926 | --- | 2,030 | --- | 192 | --- | 4,460 | 149 | --- |
| TOTAL | 26,911 | 18,065 | 27,862 | 30,546 | 38,834 | 85,304 | 48,998 | 10,106 | 32,246 | 23,907 | 17,152 | 2,654 |
| MEAN | 868 | 602 | 899 | 985 | 1,387 | 2,752 | 1,633 | 326 | 1,075 | 771 | 553 | 88.5 |
| MAX | 3,150 | 1,670 | 5,300 | 8,530 | 8,740 | 11,100 | 9,930 | 602 | 6,270 | 4,460 | 4,840 | 146 |
| MIN | 301 | 291 | 394 | 317 | 526 | 779 | 451 | 190 | 130 | 124 | 149 | 68 |
| CFSM | 0.63 | 0.44 | 0.66 | 0.72 | 1.01 | 2.01 | 1.19 | 0.24 | 0.78 | 0.56 | 0.40 | 0.06 |
| IN. | 0.73 | 0.49 | 0.76 | 0.83 | 1.05 | 2.31 | 1.33 | 0.27 | 0.87 | 0.65 | 0.47 | 0.07 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

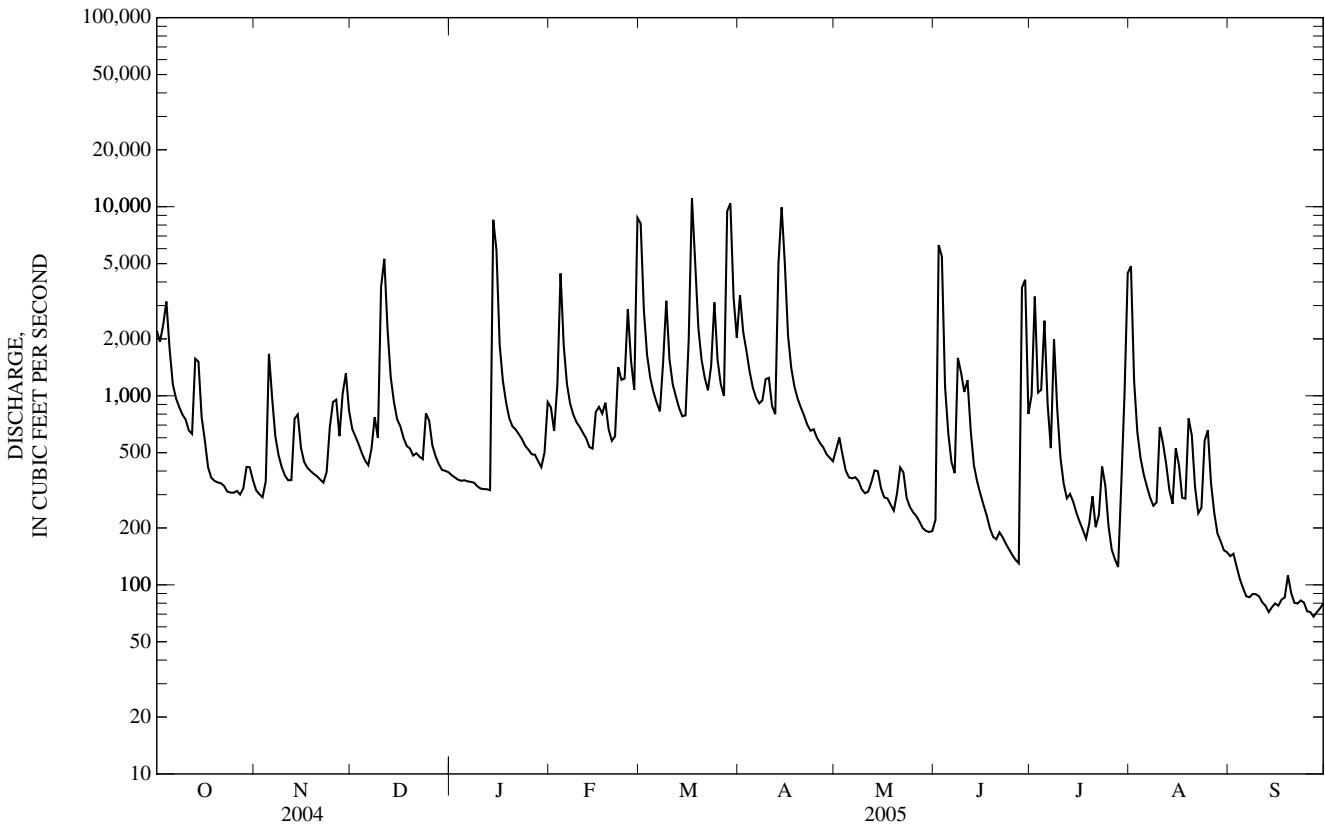
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 881 | 782 | 1,271 | 2,386 | 2,706 | 2,718 | 1,764 | 845 | 716 | 767 | 736 | 720 |
| MAX | 6,837 | 4,763 | 4,564 | 7,458 | 7,922 | 7,674 | 7,097 | 4,606 | 4,519 | 3,479 | 2,917 | 8,262 |
| (WY) | (1991) | (1949) | (1933) | (1998) | (1960) | (1993) | (1936) | (2003) | (2003) | (1997) | (1967) | (1945) |
| MIN | 45.9 | 54.1 | 105 | 152 | 321 | 412 | 234 | 140 | 88.5 | 95.6 | 82.4 | 41.0 |
| (WY) | (1931) | (1942) | (1934) | (1934) | (1938) | (1981) | (1967) | (2002) | (1986) | (1986) | (1957) | (1954) |

02126000 ROCKY RIVER NEAR NORWOOD, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1930 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 391,074 | | 362,585 | | 1,352 | |
| ANNUAL MEAN | 1,069 | | 993 | | 3,127 | |
| HIGHEST ANNUAL MEAN | | | | | 406 | |
| LOWEST ANNUAL MEAN | | | | | 2002 | |
| HIGHEST DAILY MEAN | 39,700 | Sep 8 | 11,100 | Mar 17 | 85,600 | Sep 18, 1945 |
| LOWEST DAILY MEAN | 92 | Jul 27 | 68 | Sep 27 | 19 | Oct 28, 1931 |
| ANNUAL SEVEN-DAY MINIMUM | 118 | May 31 | 74 | Sep 24 | 26 | Oct 7, 1954 |
| MAXIMUM PEAK FLOW | | | 17,800 | Mar 28 | 105,000 | Sep 18, 1945 |
| MAXIMUM PEAK STAGE | | | 14.14 | Mar 28 | 46.37* | Sep 18, 1945 |
| INSTANTANEOUS LOW FLOW | | | 63 | Sep 27 | 17 | Oct 8, 1954 |
| ANNUAL RUNOFF (CFSM) | 0.779 | | 0.724 | | 0.985 | |
| ANNUAL RUNOFF (INCHES) | 10.60 | | 9.83 | | 13.38 | |
| 10 PERCENT EXCEEDS | 1,500 | | 2,010 | | 2,940 | |
| 50 PERCENT EXCEEDS | 408 | | 501 | | 402 | |
| 90 PERCENT EXCEEDS | 148 | | 151 | | 105 | |

* See REMARKS.

e Estimated.



02128000 LITTLE RIVER NEAR STAR, NC

LOCATION.--Lat 35°23'14", long 79°49'53", Montgomery County, Hydrologic Unit 03040104, on left bank 9 ft downstream from bridge on Secondary Road 1340, 50 ft upstream from Black Rock Branch, 0.2 mi upstream from Norfolk Southern Railway bridge, 0.3 mi downstream from West Fork Little River, and 3 mi west of Star.

DRAINAGE AREA.--106 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1949-54. April 1954 to current year.

REVISED RECORDS.--WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 409.00 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. No flow also occurred Aug. 13-15, 25-26, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in September 1945 reached a stage of about 20 ft, from information by local resident.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 1 | 117 | 38 | 62 | 47 | 91 | 404 | 164 | 90 | 33 | 28 | 122 | 16 |
| 2 | 484 | 38 | 57 | 46 | 72 | 161 | 157 | 112 | 137 | 23 | 47 | 17 |
| 3 | 132 | 37 | 54 | 46 | 109 | 117 | 159 | 71 | 120 | 20 | 27 | 15 |
| 4 | 79 | 52 | 50 | 46 | 273 | 99 | 119 | 63 | 73 | 29 | 19 | 12 |
| 5 | 60 | 93 | 47 | 47 | 122 | 93 | 104 | 59 | 55 | 36 | 15 | 11 |
| 6 | 51 | 66 | 45 | 47 | 90 | 87 | 98 | 61 | 60 | 21 | 12 | 8.8 |
| 7 | 45 | 47 | 50 | 46 | 79 | 81 | 120 | 61 | 63 | 31 | 10 | 8.6 |
| 8 | 44 | 42 | 68 | 46 | 73 | 318 | 425 | 59 | 73 | 99 | 9.8 | 8.4 |
| 9 | 43 | 38 | 56 | 46 | 71 | 308 | 309 | 55 | 108 | 54 | 12 | 7.4 |
| 10 | 40 | 35 | 264 | 44 | 71 | 141 | 169 | 49 | 91 | 29 | 66 | 6.8 |
| 11 | 38 | 35 | 218 | 44 | 66 | 112 | 126 | 70 | 70 | 21 | 27 | 5.9 |
| 12 | 36 | 39 | 103 | 43 | 61 | 100 | 113 | 55 | 50 | 17 | 16 | 5.3 |
| 13 | 222 | 122 | 75 | 46 | 60 | 94 | 407 | 63 | 43 | 15 | 12 | 5.3 |
| 14 | 122 | 72 | 63 | 2,170 | 65 | 137 | 966 | 64 | 40 | 14 | 9.6 | 5.0 |
| 15 | 69 | 47 | 55 | 472 | 92 | 146 | 290 | 52 | 35 | 16 | 21 | 4.8 |
| 16 | 53 | 42 | 52 | 168 | 88 | 338 | 161 | 47 | 31 | 14 | 24 | 4.7 |
| 17 | 44 | 40 | 51 | 116 | 76 | 1,180 | 130 | 43 | 28 | 12 | 364 | 7.0 |
| 18 | 40 | 40 | 51 | 92 | 67 | 433 | 117 | 41 | 25 | 10 | 375 | 6.4 |
| 19 | 39 | 39 | 51 | 80 | 62 | 203 | 108 | 39 | 23 | 47 | 532 | 5.3 |
| 20 | 38 | 38 | 49 | 77 | 61 | 149 | 100 | 57 | 40 | 17 | 95 | 6.2 |
| 21 | 38 | 38 | 46 | 76 | 67 | 126 | 92 | 54 | 35 | 11 | 54 | 11 |
| 22 | 37 | 37 | 45 | 71 | 78 | 112 | 87 | 48 | 26 | 17 | 38 | 6.9 |
| 23 | 37 | 43 | 58 | 67 | 78 | 150 | 84 | 44 | 22 | 43 | 31 | 5.7 |
| 24 | 37 | 147 | 83 | 62 | 124 | 197 | 82 | 48 | 20 | 18 | 30 | 5.7 |
| 25 | 38 | 97 | 68 | 61 | 190 | 122 | 77 | 39 | 18 | 11 | 38 | 5.1 |
| 26 | 36 | 74 | 56 | 64 | 105 | 110 | 74 | 36 | 18 | 8.6 | 29 | 5.1 |
| 27 | 37 | 56 | 51 | 64 | 86 | 102 | 73 | 34 | 18 | 7.0 | 23 | 5.8 |
| 28 | 37 | 138 | 47 | 60 | 585 | 1,130 | 70 | 32 | 73 | 9.8 | 21 | 5.9 |
| 29 | 38 | 109 | 48 | 58 | --- | 529 | 68 | 31 | 71 | 574 | 19 | 5.2 |
| 30 | 40 | 71 | 48 | 83 | --- | 218 | 71 | 31 | 36 | 114 | 18 | 4.4 |
| 31 | 39 | --- | 48 | 139 | --- | 157 | --- | 32 | --- | 75 | 19 | --- |
| TOTAL | 2,210 | 1,810 | 2,119 | 4,574 | 3,062 | 7,654 | 5,120 | 1,640 | 1,535 | 1,441.4 | 2,135.4 | 227.7 |
| MEAN | 71.3 | 60.3 | 68.4 | 148 | 109 | 247 | 171 | 52.9 | 51.2 | 46.5 | 68.9 | 7.59 |
| MAX | 484 | 147 | 264 | 2,170 | 585 | 1,180 | 966 | 112 | 137 | 574 | 532 | 17 |
| MIN | 36 | 35 | 45 | 43 | 60 | 81 | 68 | 31 | 18 | 7.0 | 9.6 | 4.4 |
| CFSM | 0.67 | 0.57 | 0.64 | 1.39 | 1.03 | 2.33 | 1.61 | 0.50 | 0.48 | 0.44 | 0.65 | 0.07 |
| IN. | 0.78 | 0.64 | 0.74 | 1.61 | 1.07 | 2.69 | 1.80 | 0.58 | 0.54 | 0.51 | 0.75 | 0.08 |

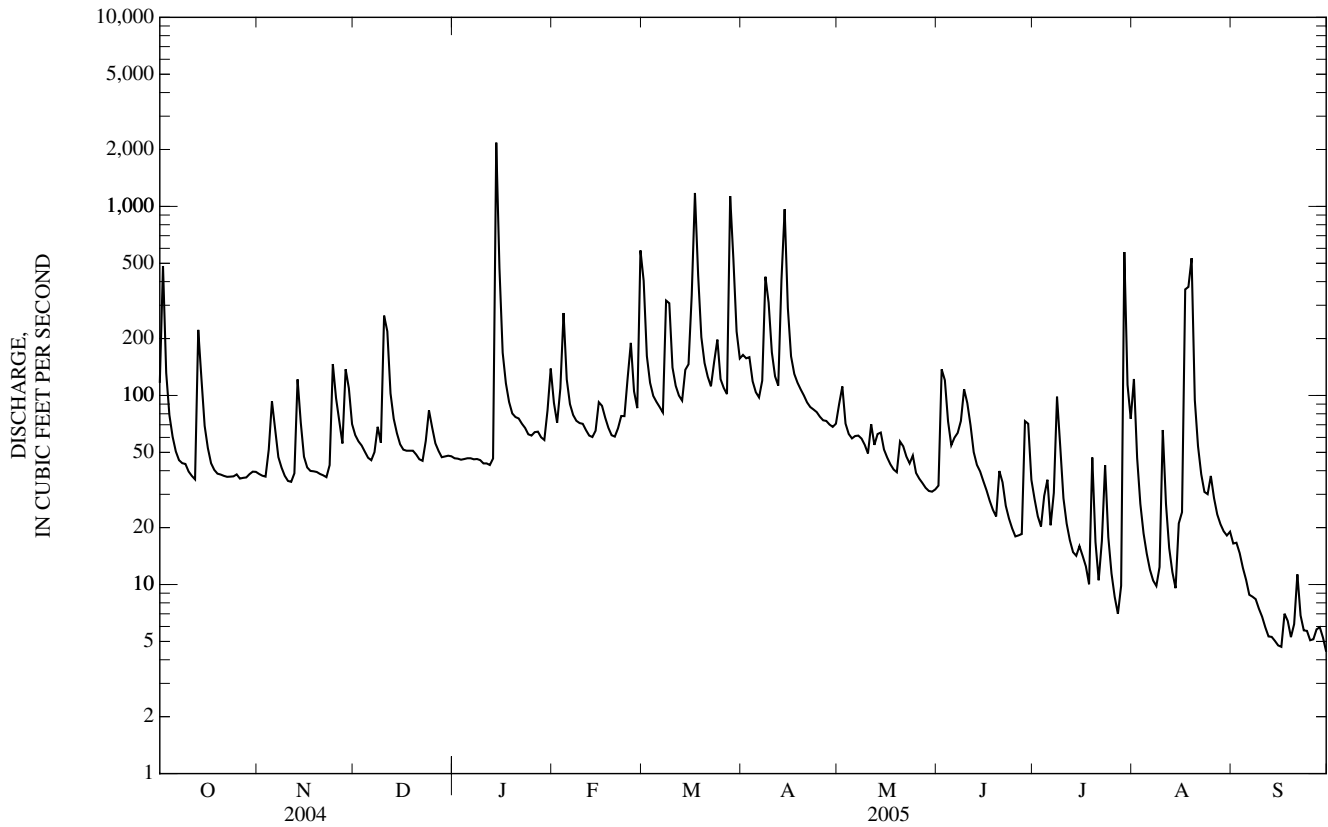
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2005, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 69.9 | 66.0 | 95.6 | 166 | 206 | 220 | 172 | 97.9 | 70.2 | 65.7 | 58.0 | 54.6 |
| MAX | 337 | 366 | 361 | 511 | 467 | 678 | 430 | 296 | 273 | 578 | 474 | 286 |
| (WY) | (1991) | (1986) | (1973) | (1998) | (1960) | (1998) | (1958) | (1990) | (1972) | (1997) | (2003) | (2004) |
| MIN | 4.03 | 7.77 | 11.0 | 23.5 | 38.6 | 47.0 | 38.0 | 13.7 | 2.55 | 1.20 | 0.50 | 0.76 |
| (WY) | (1987) | (2002) | (2002) | (2001) | (2002) | (1967) | (1967) | (2002) | (2002) | (2002) | (2002) | (1968) |

02128000 LITTLE RIVER NEAR STAR, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1954 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 33,947.2 | | 33,528.5 | | 112 | |
| ANNUAL MEAN | 92.8 | | 91.9 | | 243 | |
| HIGHEST ANNUAL MEAN | | | | | 27.4 | |
| LOWEST ANNUAL MEAN | | | | | 0.00 | |
| HIGHEST DAILY MEAN | 3,200 | Sep 8 | 2,170 | Jan 14 | 9,800 | Jul 23, 1997 |
| LOWEST DAILY MEAN | 3.7 | Aug 11 | 4.4 | Sep 30 | 0.00 | Aug 12, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 5.9 | Aug 6 | 5.3 | Sep 24 | 0.00 | Aug 10, 2002 |
| MAXIMUM PEAK FLOW | | | 3,920 | Jan 14 | 15,400 | Jul 23, 1997 |
| MAXIMUM PEAK STAGE | | | 9.50 | Jan 14 | 18.60 | Jul 23, 1997 |
| INSTANTANEOUS LOW FLOW | | | 4.2 | Sep 30 | 0.00* | Aug 12, 2002 |
| ANNUAL RUNOFF (CFSM) | 0.875 | | 0.867 | | 1.05 | |
| ANNUAL RUNOFF (INCHES) | 11.91 | | 11.77 | | 14.31 | |
| 10 PERCENT EXCEEDS | 139 | | 157 | | 194 | |
| 50 PERCENT EXCEEDS | 56 | | 52 | | 50 | |
| 90 PERCENT EXCEEDS | 17 | | 12 | | 9.0 | |

* See REMARKS.



02129000 PEE DEE RIVER NEAR ROCKINGHAM, NC

LOCATION.--Lat 34°56'45", long 79°52'11", Richmond County, Hydrologic Unit 03040201, on left bank at bridge on U.S. Highway 74, 2.5 mi upstream from Falling Creek, 3.3 mi downstream of Blewett Falls hydroelectric plant, 6 mi west of Rockingham, and 192 mi upstream from mouth in Winyah Bay.

DRAINAGE AREA.--6,863 mi².

PERIOD OF RECORD.--August 1906 to January 1912, October 1927 to current year. August 1906 to January 1912 published as "Yadkin River near Pee Dee".

REVISED RECORDS.--WSP 1203: 1928-37. WSP 1303: 1928-42 (monthly and yearly runoff), 1943-46 (adjusted monthly runoff). WSP 1503: 1906-12, 1928-32(m). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 120.68 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). August 1906 to January 1912 nonrecording gage at site 3.3 mi upstream at different datum. Sept. 1927 to Sept. 30, 1931, water-stage recorder at present site at 121.68 ft. Telephone and satellite telemetry at station.

REMARKS.--Records good except those below 1000 ft³/s, which are fair. Flow regulated since 1928 by Blewett Falls Lake and five other reservoirs upstream. Prior to regulation, maximum discharge: 276,000 ft³/s, Aug. 27, 1908; gage height: 31.28 ft, present site and datum, from records of State Highway Commission. Prior to regulation, minimum discharge: 2,210 ft³/s, Sept. 3, 1907. Minimum discharge for period of record also occurred Dec. 2, 3, 1951; minimum daily discharge for period of record: 58 ft³/s, Dec 2, 1951, a result of abnormally low flow during shutdown of Blewett Falls hydroelectric plant to produce steady flow for current-meter measurements at this gaging station. Minimum discharge from normal regulations: 96 ft³/s, Oct. 25, 1943; minimum daily discharge: 120 ft³/s, Oct. 8, 1961.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 1 | 46,800 | 6,130 | 9,610 | 7,860 | 9,210 | 23,600 | 16,300 | 5,270 | 2,850 | 6,830 | 12,500 | 3,440 |
| 2 | 14,500 | 6,030 | 9,730 | 6,900 | 9,480 | 15,700 | 15,400 | 6,260 | 7,090 | 4,310 | 10,900 | 3,590 |
| 3 | 8,880 | 2,760 | 10,300 | 7,980 | 9,320 | 11,800 | 13,800 | 5,680 | 17,300 | 2,130 | 10,100 | 733 |
| 4 | 10,400 | 6,990 | 9,680 | 8,700 | 9,210 | 12,900 | 13,800 | 5,720 | 10,900 | 1,190 | 8,270 | 389 |
| 5 | 9,150 | 7,140 | 8,070 | 9,200 | 6,920 | 10,900 | 10,600 | 6,940 | 7,210 | 5,130 | 6,950 | 382 |
| 6 | 5,650 | 5,670 | 1,090 | 9,650 | 4,720 | 9,820 | 9,810 | 6,560 | 2,660 | 8,770 | 484 | 1,930 |
| 7 | 8,220 | 3,110 | 1,580 | 3,970 | 6,210 | 9,560 | 9,510 | 4,970 | 3,910 | 9,550 | 438 | 1,510 |
| 8 | 6,430 | 3,070 | 347 | 267 | 7,120 | 9,300 | 9,320 | 2,200 | 8,120 | 9,520 | 4,790 | 1,520 |
| 9 | 3,020 | 3,050 | 4,730 | 258 | 8,110 | 9,280 | 9,450 | 5,100 | 8,120 | 18,200 | 5,250 | 3,600 |
| 10 | 759 | 6,700 | 16,500 | 239 | 9,040 | 10,500 | 9,590 | 7,170 | 8,390 | 19,900 | 5,460 | 636 |
| 11 | 5,380 | 9,460 | 13,300 | 5,460 | 2,570 | 12,200 | 10,200 | 8,210 | 6,720 | 11,200 | 8,920 | 497 |
| 12 | 5,810 | 2,430 | 37,100 | 6,470 | 2,200 | 9,890 | 9,780 | 7,630 | 618 | 9,900 | 8,170 | 2,960 |
| 13 | 6,990 | 1,090 | 15,300 | 7,280 | 942 | 9,640 | 10,200 | 776 | 4,420 | 8,130 | 3,820 | 3,030 |
| 14 | 8,700 | 3,040 | 6,920 | 14,800 | 6,230 | 8,210 | 25,800 | 228 | 7,800 | 3,980 | 3,720 | 2,940 |
| 15 | 8,090 | 3,060 | 5,810 | 32,400 | 7,440 | 9,520 | 26,900 | 284 | 5,880 | 7,440 | 5,570 | 2,860 |
| 16 | 5,810 | 4,820 | 9,020 | 16,700 | 9,050 | 9,590 | 14,900 | 5,440 | 6,240 | 4,190 | 5,440 | 2,680 |
| 17 | 7,600 | 3,990 | 8,990 | 13,100 | 8,920 | 23,000 | 11,600 | 2,690 | 6,170 | 3,330 | 7,450 | 2,160 |
| 18 | 4,430 | 5,780 | 6,290 | 11,900 | 4,650 | 21,900 | 10,000 | 4,500 | 272 | 4,510 | 7,310 | 481 |
| 19 | 6,660 | 4,480 | 6,300 | 11,700 | 1,930 | 11,900 | 9,270 | 4,930 | 1,280 | 6,570 | 7,960 | 346 |
| 20 | 6,990 | 6,860 | 6,770 | 10,300 | 9,580 | 8,060 | 8,940 | 4,310 | 2,020 | 5,250 | 1,710 | 2,250 |
| 21 | 5,990 | 8,100 | 7,630 | 9,600 | 8,610 | 7,570 | 5,830 | 3,430 | 3,690 | 5,160 | 4,080 | 2,680 |
| 22 | 4,950 | 5,820 | 7,610 | 9,650 | 6,740 | 7,850 | 8,580 | 3,940 | 5,040 | 4,590 | 4,660 | 2,010 |
| 23 | 3,130 | 5,830 | 7,890 | 9,740 | 7,590 | 8,900 | 712 | 5,730 | 3,640 | 4,230 | 4,890 | 2,270 |
| 24 | 1,100 | 8,480 | 8,200 | 9,800 | 7,790 | 9,410 | 439 | 5,880 | 2,330 | 2,280 | 5,930 | 384 |
| 25 | 5,120 | 9,070 | 9,190 | 9,380 | 9,450 | 9,410 | 5,160 | 3,970 | 895 | 4,330 | 5,640 | 330 |
| 26 | 4,620 | 8,700 | 9,540 | 6,680 | 5,310 | 7,360 | 5,470 | 2,350 | 597 | 5,810 | 3,930 | 1,250 |
| 27 | 5,350 | 9,300 | 9,810 | 5,770 | 4,180 | 5,120 | 5,010 | 1,800 | 5,160 | 5,900 | 2,190 | 637 |
| 28 | 3,040 | 8,440 | 9,770 | 8,060 | 8,290 | 8,370 | 6,870 | 585 | 4,570 | 4,810 | 2,520 | 1,460 |
| 29 | 5,600 | 9,440 | 8,070 | 7,950 | --- | 42,600 | 7,050 | 351 | 10,900 | 4,410 | 3,200 | 1,890 |
| 30 | 1,050 | 9,540 | 6,690 | 6,500 | --- | 45,400 | 7,640 | 337 | 10,700 | 3,460 | 5,150 | 1,340 |
| 31 | 1,260 | --- | 6,730 | 6,820 | --- | 29,400 | --- | 2,500 | --- | 4,680 | 5,710 | --- |
| TOTAL | 221,479 | 178,380 | 278,567 | 275,084 | 190,812 | 428,660 | 307,931 | 125,741 | 165,492 | 199,690 | 173,112 | 52,185 |
| MEAN | 7,144 | 5,946 | 8,986 | 8,874 | 6,815 | 13,830 | 10,260 | 4,056 | 5,516 | 6,442 | 5,584 | 1,740 |
| MAX | 46,800 | 9,540 | 37,100 | 32,400 | 9,580 | 45,400 | 26,900 | 8,210 | 17,300 | 19,900 | 12,500 | 3,600 |
| MIN | 759 | 1,090 | 347 | 239 | 942 | 5,120 | 439 | 228 | 272 | 1,190 | 438 | 330 |
| † | -870 | 99 | -459 | -589 | 917 | 678 | -284 | 201 | -185 | 295 | -871 | -171 |

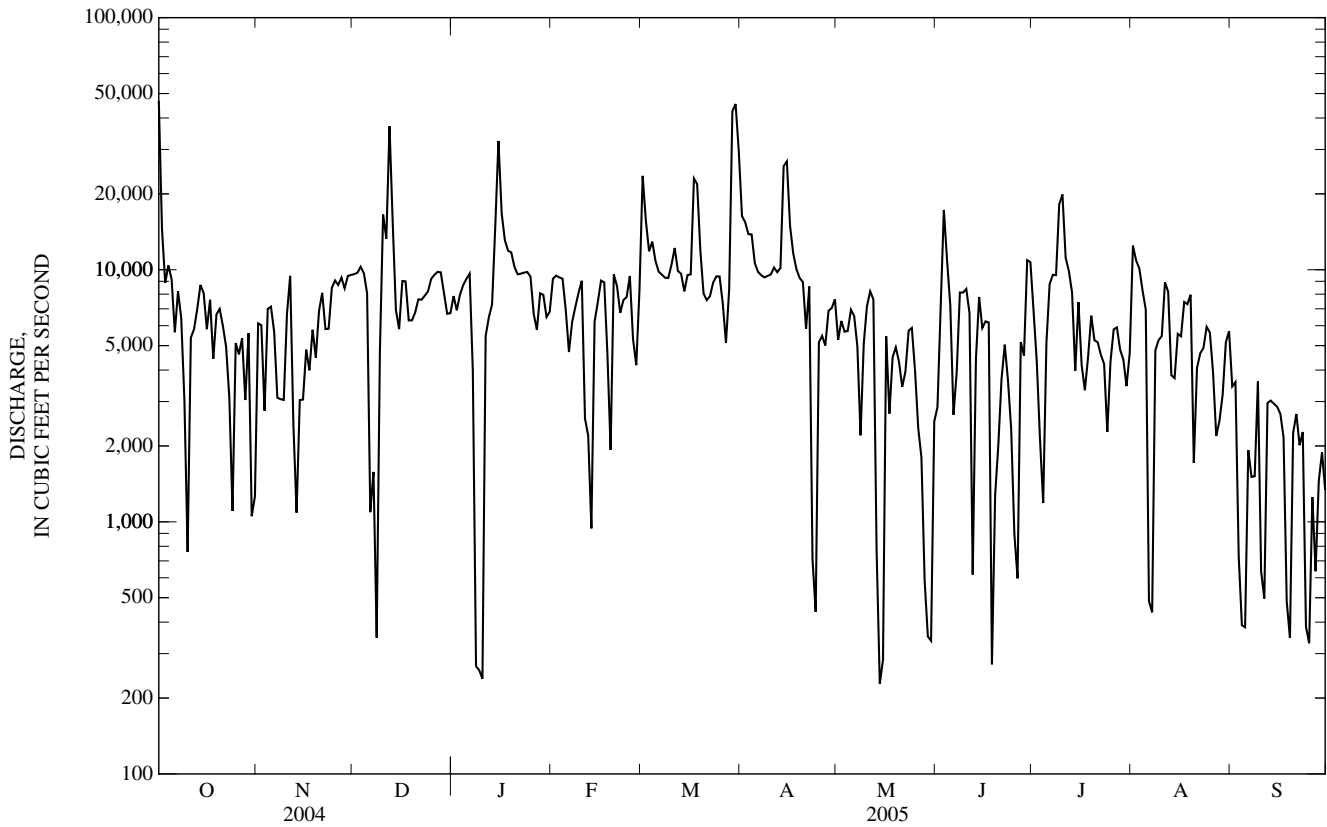
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005,* BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 5,860 | 5,516 | 7,485 | 10,830 | 12,350 | 13,430 | 10,850 | 7,210 | 5,980 | 5,293 | 5,422 | 5,492 |
| MAX | 25,850 | 16,120 | 20,300 | 31,270 | 36,040 | 34,480 | 31,340 | 17,410 | 20,260 | 16,790 | 19,180 | 35,690 |
| (WY) | (1991) | (1958) | (1933) | (1937) | (1960) | (1993) | (1936) | (2003) | (2003) | (1975) | (1928) | (1928) |
| MIN | 503 | 419 | 1,598 | 2,475 | 3,032 | 4,117 | 2,692 | 1,955 | 1,853 | 1,668 | 979 | 1,008 |
| (WY) | (2002) | (2002) | (2002) | (1956) | (2001) | (1981) | (1981) | (2002) | (1986) | (2002) | (2002) | (1954) |

02129000 PEE DEE RIVER NEAR ROCKINGHAM, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1928 - 2005* | |
|--------------------------|------------------------|--------|---------------------|--------|--------------------------|--------------|
| ANNUAL TOTAL | 2,555,980 | | 2,597,133 | | UNADJUSTED | |
| ANNUAL MEAN | 6,984 | | 7,115 | | 7,955 | |
| HIGHEST ANNUAL MEAN | | | ‡7,004 | | 14,980 | 2003 |
| LOWEST ANNUAL MEAN | | | | | 2,310 | 2002 |
| HIGHEST DAILY MEAN | 81,400 | Sep 9 | 46,800 | Oct 1 | 242,000 | Sep 18, 1945 |
| LOWEST DAILY MEAN | 279 | Aug 8 | 228 | May 14 | 58* | Dec 2, 1951 |
| ANNUAL SEVEN-DAY MINIMUM | 1,760 | May 27 | 1,040 | Sep 24 | 185 | Sep 28, 1985 |
| MAXIMUM PEAK FLOW | | | 69,100 | Oct 1 | 270,000* | Sep 18, 1945 |
| MAXIMUM PEAK STAGE | | | 11.96 | Oct 1 | 30.80* | Sep 18, 1945 |
| INSTANTANEOUS LOW FLOW | | | 185 | Jan 9 | 50* | Dec 2, 1951 |
| 10 PERCENT EXCEEDS | 10,100 | | 11,000 | | 14,300 | |
| 50 PERCENT EXCEEDS | 5,840 | | 6,470 | | 5,590 | |
| 90 PERCENT EXCEEDS | 1,350 | | 1,260 | | 1,530 | |

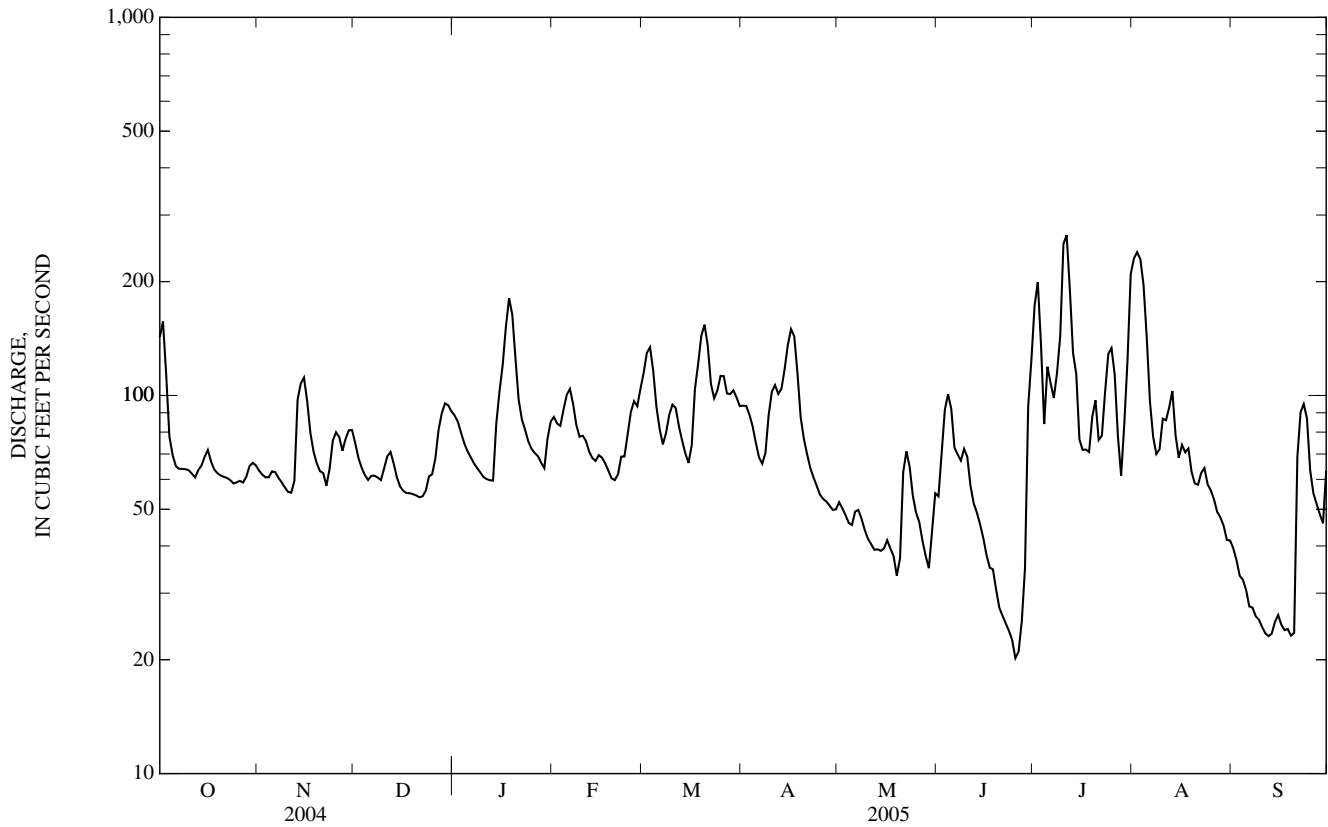
† Change in contents, equivalent in cubic feet per second, in W. Kerr Scott Reservoir, provided by U.S. Army Corps of Engineers; High Rock Lake, Tuckertown Reservoir, and Badin Lake, provided by Yadkin, Inc.; Lake Tillery and Blewett Falls Lake, provided by Carolina Power and Light Company.
 * Regulated period only (1928-2005). See REMARKS.
 ‡ Adjusted for change in contents.



02132320 BIG SHOE HEEL CREEK NEAR LAURINBURG, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1987 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 32,931 | | 27,761 | | 92.8 | |
| ANNUAL MEAN | 90.0 | | 76.1 | | 146 | |
| HIGHEST ANNUAL MEAN | | | | | 2000 | |
| LOWEST ANNUAL MEAN | | | | | 34.6 | |
| HIGHEST DAILY MEAN | 1,070 | Sep 10 | 265 | Jul 11 | 1,150 | Oct 20, 1999 |
| LOWEST DAILY MEAN | 25 | Jul 9 | 20 | Jun 25 | 1.0 | Aug 14, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 27 | Jul 16 | 23 | Jun 21 | 2.3 | Aug 10, 2002 |
| MAXIMUM PEAK FLOW | | | 286 | Jul 10 | 1,200* | Sep 10, 2004 |
| MAXIMUM PEAK STAGE | | | 3.97 | Jul 10 | 5.52 | Sep 10, 2004 |
| INSTANTANEOUS LOW FLOW | | | 19 | Jun 25 | 0.50* | Aug 13, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.08 | | 0.913 | | 1.11 | |
| ANNUAL RUNOFF (INCHES) | 14.71 | | 12.40 | | 15.13 | |
| 10 PERCENT EXCEEDS | 155 | | 116 | | 172 | |
| 50 PERCENT EXCEEDS | 68 | | 68 | | 72 | |
| 90 PERCENT EXCEEDS | 33 | | 38 | | 27 | |

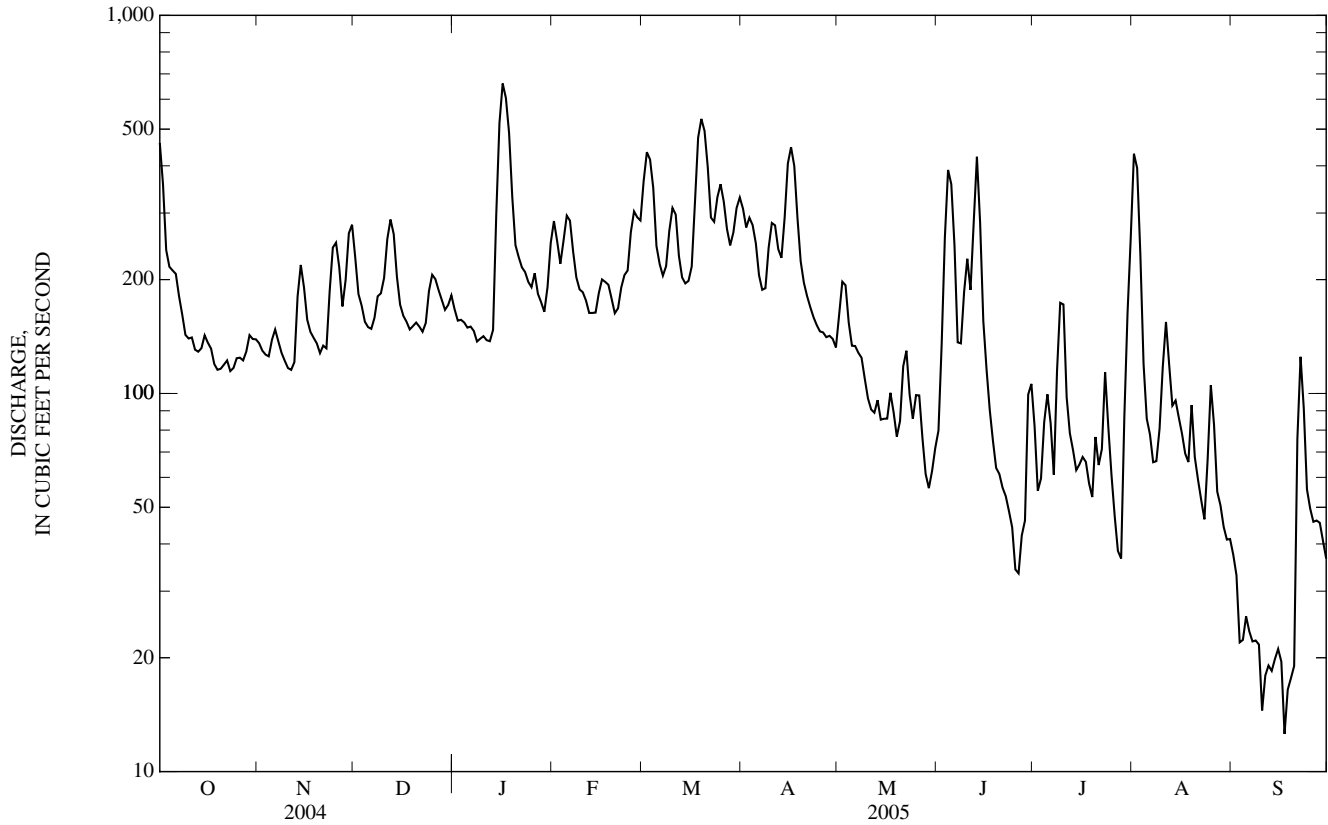
* See REMARKS.



02133500 DROWNING CREEK NEAR HOFFMAN, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1940 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 65,893 | | 60,290 | | 249 | |
| ANNUAL MEAN | 180 | | 165 | | 94.8 | |
| HIGHEST ANNUAL MEAN | | | | | 397 | 1984 |
| LOWEST ANNUAL MEAN | | | | | 94.8 | 2002 |
| HIGHEST DAILY MEAN | 913 | Sep 9 | 660 | Jan 16 | 8,530 | Sep 18, 1945 |
| LOWEST DAILY MEAN | 42 | Jul 17 | 13 | Sep 17 | 0.00 | Aug 14, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 51 | Jul 13 | 18 | Sep 13 | 0.10 | Aug 10, 2002 |
| MAXIMUM PEAK FLOW | | | 676 | Jan 16 | 10,900 | Sep 18, 1945 |
| MAXIMUM PEAK STAGE | | | 5.82 | Jan 16 | 10.29 | Sep 18, 1945 |
| INSTANTANEOUS LOW FLOW | | | 12* | Sep 12 | 0.00* | Aug 14, 2002 |
| ANNUAL RUNOFF (CFSM) | 0.984 | | 0.903 | | 1.36 | |
| ANNUAL RUNOFF (INCHES) | 13.39 | | 12.26 | | 18.52 | |
| 10 PERCENT EXCEEDS | 317 | | 292 | | 475 | |
| 50 PERCENT EXCEEDS | 158 | | 146 | | 202 | |
| 90 PERCENT EXCEEDS | 68 | | 47 | | 75 | |

* See REMARKS.



02133624 LUMBER RIVER NEAR MAXTON, NC

LOCATION.--Lat 34°46'22", long 79°19'55", Robeson County, Hydrologic Unit 03040203, at downstream side of bridge, near right center of span, on State Highway 71, 2.6 mi north of Maxton, and 7.5 mi upstream from Gum Swamp.

DRAINAGE AREA.--365 mi².

PERIOD OF RECORD.--Occasional discharge measurements, water years 1974, 1980-85. June 1987 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 180 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Minimum discharge for period of record also occurred on Aug. 14, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|-------|
| 1 | 733 | 376 | 567 | 588 | 577 | 771 | 715 | 335 | 199 | 331 | 622 | 157 |
| 2 | 817 | 351 | 590 | 595 | 608 | 808 | 728 | 331 | 230 | 317 | 718 | 149 |
| 3 | 972 | 340 | 611 | 585 | 638 | 809 | 746 | 351 | 308 | 253 | 817 | 141 |
| 4 | 964 | 334 | 571 | 542 | 674 | 804 | 745 | 397 | 438 | 237 | 876 | 134 |
| 5 | 848 | 335 | 493 | 501 | 691 | 841 | 716 | 423 | 560 | 254 | 852 | 124 |
| 6 | 724 | 342 | 431 | 483 | 699 | 828 | 689 | 407 | 630 | 298 | 697 | 116 |
| 7 | 603 | 356 | 395 | 470 | 693 | 777 | 670 | 361 | 679 | 315 | 407 | 111 |
| 8 | 536 | 349 | 381 | 470 | 682 | 697 | 647 | 344 | 698 | 378 | 277 | 110 |
| 9 | 499 | 332 | 385 | 471 | 672 | 630 | 677 | 316 | 684 | 473 | 244 | 108 |
| 10 | 462 | 309 | 423 | 462 | 632 | 649 | 669 | 283 | 549 | 514 | 261 | 106 |
| 11 | 409 | 296 | 458 | 450 | 567 | 670 | 721 | 288 | 465 | 483 | 364 | 106 |
| 12 | 364 | 305 | 528 | 447 | 535 | 682 | 722 | 264 | 459 | 423 | 581 | 100 |
| 13 | 360 | 382 | 570 | 449 | 513 | 699 | 746 | 243 | 441 | 305 | 658 | 96 |
| 14 | 355 | 470 | 579 | 513 | 489 | 688 | 773 | 235 | 405 | 246 | 588 | 99 |
| 15 | 361 | 560 | 592 | 593 | 471 | 624 | 782 | 237 | 446 | 232 | 511 | 103 |
| 16 | 365 | 574 | 569 | 794 | 473 | 582 | 768 | 227 | 537 | 263 | 385 | 107 |
| 17 | 363 | 560 | 496 | 998 | 491 | 635 | 766 | 217 | 498 | 285 | 308 | 110 |
| 18 | 354 | 497 | 420 | 1,120 | 506 | 717 | 809 | 213 | 278 | 278 | 263 | 112 |
| 19 | 329 | 431 | 384 | 1,200 | 528 | 822 | 844 | 214 | 211 | 241 | 264 | 104 |
| 20 | 316 | 390 | 364 | 1,160 | 521 | 885 | 812 | 211 | 180 | 209 | 275 | 99 |
| 21 | 310 | 368 | 359 | 1,050 | 510 | 952 | 730 | 261 | 161 | 195 | 355 | 211 |
| 22 | 307 | 350 | 370 | 891 | 491 | 997 | 620 | 329 | 150 | 243 | 361 | 191 |
| 23 | 311 | 354 | 380 | 740 | 491 | 995 | 535 | 354 | 143 | 318 | 272 | 235 |
| 24 | 318 | 396 | 383 | 659 | 539 | 929 | 476 | 322 | 138 | 347 | 219 | 280 |
| 25 | 309 | 502 | 421 | 619 | 584 | 852 | 441 | 261 | 131 | 406 | 216 | 264 |
| 26 | 304 | 603 | 511 | 591 | 637 | 808 | 398 | 228 | 128 | 430 | 258 | 207 |
| 27 | 310 | 641 | 582 | 564 | 670 | 805 | 372 | 226 | 129 | 352 | 273 | 180 |
| 28 | 320 | 653 | 641 | 548 | 729 | 833 | 354 | 218 | 141 | 224 | 242 | 169 |
| 29 | 328 | 596 | 665 | 540 | --- | 797 | 342 | 198 | 265 | 222 | 203 | 163 |
| 30 | 352 | 553 | 635 | 550 | --- | 752 | 338 | 194 | 320 | 337 | 181 | 163 |
| 31 | 378 | --- | 601 | 547 | --- | 718 | --- | 194 | --- | 482 | 167 | --- |
| TOTAL | 14,281 | 12,905 | 15,355 | 20,190 | 16,311 | 24,056 | 19,351 | 8,682 | 10,601 | 9,891 | 12,715 | 4,355 |
| MEAN | 461 | 430 | 495 | 651 | 583 | 776 | 645 | 280 | 353 | 319 | 410 | 145 |
| MAX | 972 | 653 | 665 | 1,200 | 729 | 997 | 844 | 423 | 698 | 514 | 876 | 280 |
| MIN | 304 | 296 | 359 | 447 | 471 | 582 | 338 | 194 | 128 | 195 | 167 | 96 |
| CFSM | 1.26 | 1.18 | 1.36 | 1.78 | 1.60 | 2.13 | 1.77 | 0.77 | 0.97 | 0.87 | 1.12 | 0.40 |
| IN. | 1.46 | 1.32 | 1.56 | 2.06 | 1.66 | 2.45 | 1.97 | 0.88 | 1.08 | 1.01 | 1.30 | 0.44 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 412 | 438 | 481 | 609 | 641 | 699 | 592 | 386 | 328 | 300 | 334 | 399 |
| MAX | 827 | 763 | 762 | 926 | 1,205 | 1,267 | 1,144 | 932 | 1,022 | 710 | 1,356 | 1,158 |
| (WY) | (2000) | (2004) | (2004) | (1998) | (1998) | (1998) | (2003) | (2003) | (2003) | (2003) | (2003) | (2004) |
| MIN | 184 | 166 | 220 | 364 | 300 | 363 | 303 | 135 | 67.6 | 63.2 | 51.5 | 130 |
| (WY) | (1988) | (2002) | (2002) | (1992) | (1992) | (1992) | (1992) | (2002) | (2002) | (2002) | (2002) | (1990) |

SUMMARY STATISTICS

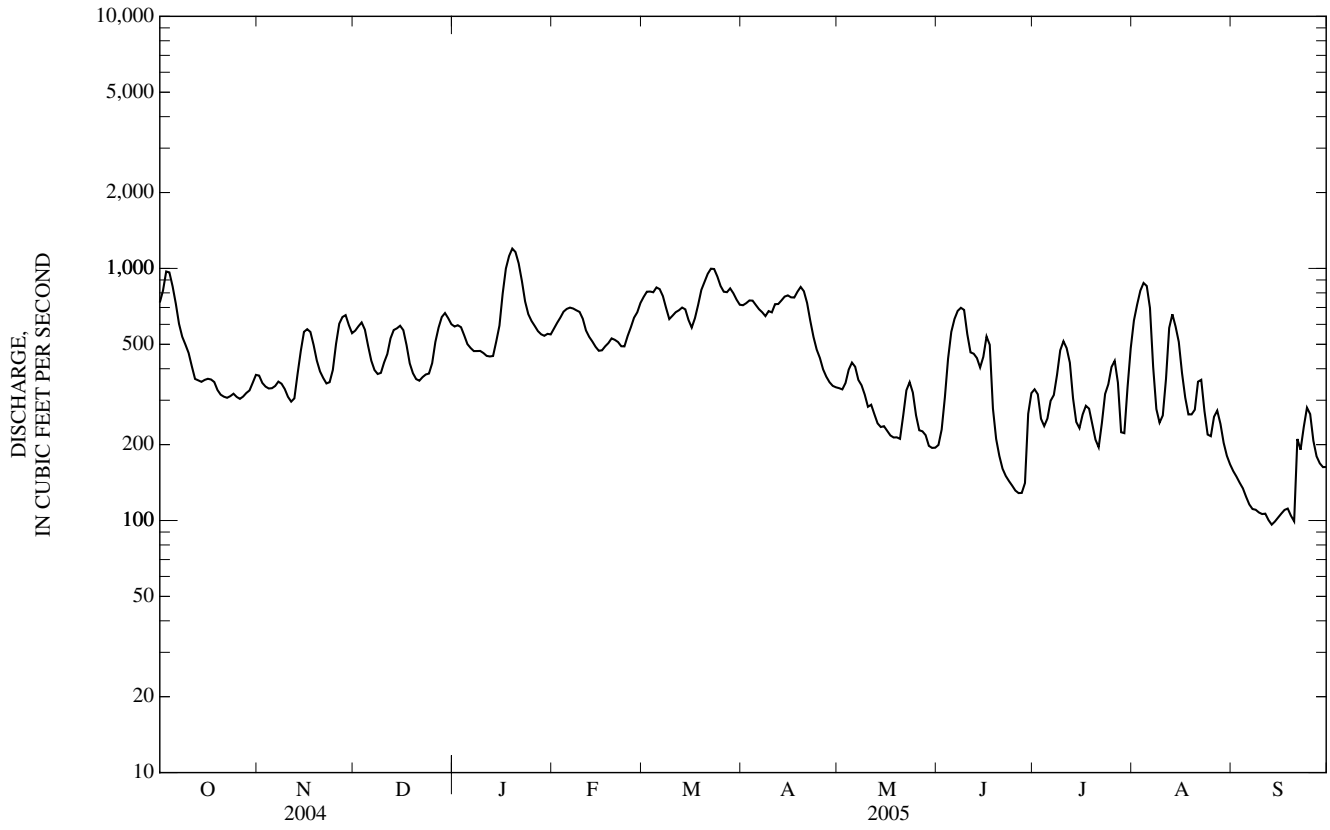
FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1987 - 2005

| | | | |
|--------------------------|---------|---------|-------|
| ANNUAL TOTAL | 185,615 | 168,693 | |
| ANNUAL MEAN | 507 | 462 | 468 |
| HIGHEST ANNUAL MEAN | | | 875 |
| LOWEST ANNUAL MEAN | | | 243 |
| HIGHEST DAILY MEAN | 2,250 | Sep 11 | 3,070 |
| LOWEST DAILY MEAN | 116 | Jul 19 | 28 |
| ANNUAL SEVEN-DAY MINIMUM | 136 | Jul 15 | 32 |
| MAXIMUM PEAK FLOW | | | 3,380 |
| MAXIMUM PEAK STAGE | | | 10.95 |
| INSTANTANEOUS LOW FLOW | | | 93 |
| ANNUAL RUNOFF (CFSM) | 1.39 | 1.27 | 27* |
| ANNUAL RUNOFF (INCHES) | 18.92 | 17.19 | 1.28 |
| 10 PERCENT EXCEEDS | 897 | 772 | 865 |
| 50 PERCENT EXCEEDS | 456 | 431 | 410 |
| 90 PERCENT EXCEEDS | 173 | 193 | 155 |

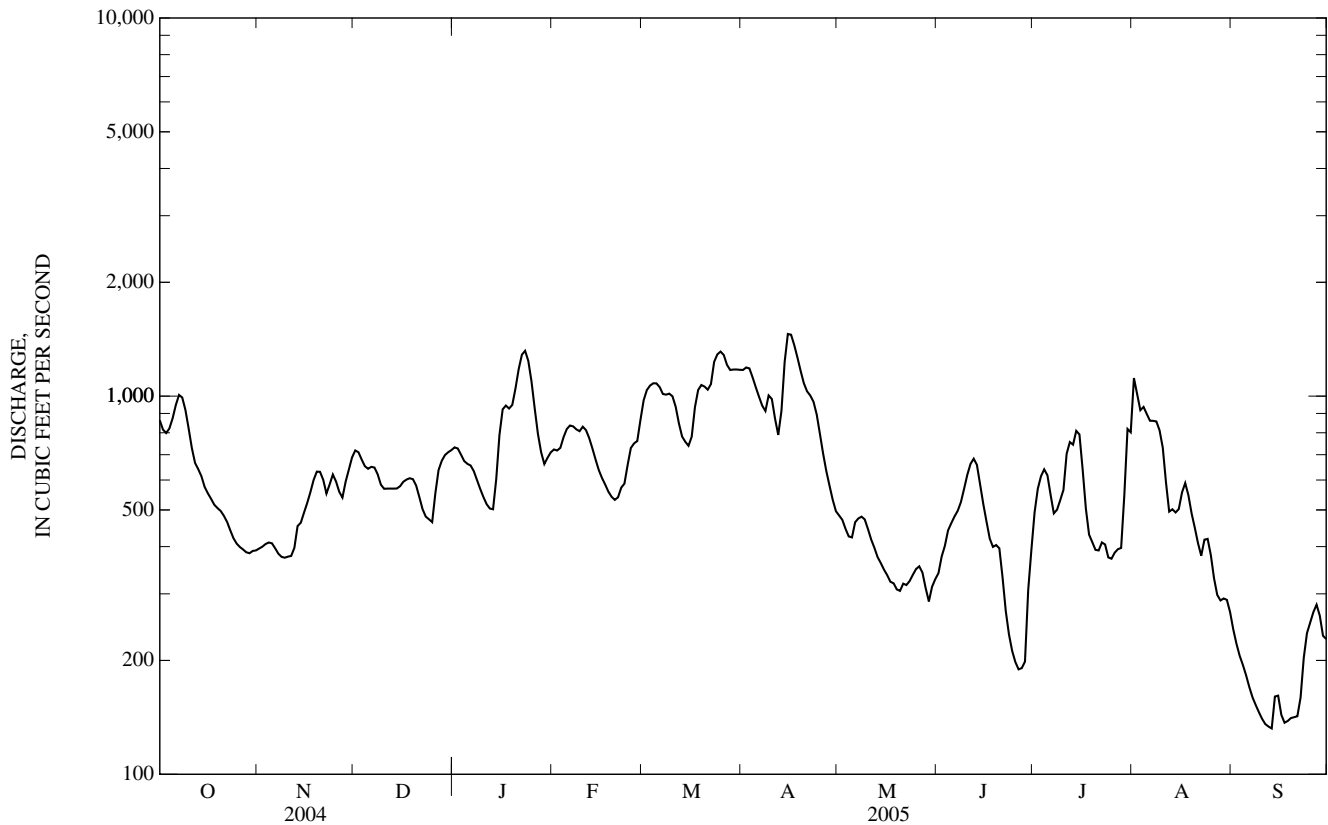
* See REMARKS.



02134170 LUMBER RIVER AT LUMBERTON, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 2000 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 320,912 | | 224,479 | | 717 | |
| ANNUAL MEAN | 877 | | 615 | | 1,153 | |
| HIGHEST ANNUAL MEAN | | | | | 2003 | |
| LOWEST ANNUAL MEAN | | | | | 301 | |
| HIGHEST DAILY MEAN | 7,030 | Sep 11 | 1,460 | Apr 15 | 7,030 | Sep 11, 2004 |
| LOWEST DAILY MEAN | 181 | Jul 22 | 132 | Sep 13 | 51 | Aug 13, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 202 | Jul 18 | 143 | Sep 7 | 55 | Aug 11, 2002 |
| MAXIMUM PEAK FLOW | | | 1,480 | Apr 15 | 7,420 | Sep 11, 2004 |
| MAXIMUM PEAK STAGE | | | 12.47 | Apr 15 | 18.29 | Sep 11, 2004 |
| INSTANTANEOUS LOW FLOW | | | 130 | Sep 14 | 51* | Aug 13, 2002 |
| ANNUAL RUNOFF (CFSM) | 1.24 | | 0.869 | | 1.01 | |
| ANNUAL RUNOFF (INCHES) | 16.86 | | 11.79 | | 13.76 | |
| 10 PERCENT EXCEEDS | 1,750 | | 1,040 | | 1,380 | |
| 50 PERCENT EXCEEDS | 639 | | 570 | | 586 | |
| 90 PERCENT EXCEEDS | 293 | | 270 | | 176 | |

* See REMARKS.



02134480 BIG SWAMP NEAR TARHEEL, NC

LOCATION.--Lat 34°42'38", long 78°50'11", Robeson County, Hydrologic Unit 03040203, on left bank at downstream side of bridge on Secondary Road 1004, and 2.8 mi southwest of Tarheel.

DRAINAGE AREA.--229 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1949-54, 1957-58, 1962-68. October 1985 to current year.

REVISED RECORDS.--WDR NC-98-1(M).

GAGE.--Water-stage recorder. Elevation of gage is 105 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except for discharges below 50 ft³/s and those for estimated daily discharges, which are poor. No flow also occurred Sept. 1-4, 1993, June 12-13, July 3-27, Aug. 7-28, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 262 | 67 | 164 | 217 | 168 | 260 | 257 | 64 | 27 | 94 | 270 | e13 |
| 2 | 267 | 67 | 168 | 206 | 177 | 259 | 276 | 61 | 32 | 111 | 281 | e11 |
| 3 | 263 | 66 | 168 | 195 | 194 | 271 | 290 | 57 | 40 | 88 | 271 | e9.6 |
| 4 | 256 | 65 | 161 | 184 | 211 | 276 | 290 | 53 | 56 | 69 | 247 | e8.3 |
| 5 | 241 | 68 | 149 | 172 | 210 | 262 | 290 | 51 | 67 | 56 | 213 | e7.3 |
| 6 | 220 | 65 | 137 | 160 | 206 | 245 | 288 | 66 | 71 | 48 | 176 | e6.8 |
| 7 | 199 | 65 | 127 | 148 | 207 | 228 | 276 | 72 | 64 | e54 | 121 | e6.8 |
| 8 | 182 | 63 | 117 | 140 | 205 | 217 | 263 | 77 | 52 | e56 | 74 | e6.6 |
| 9 | 166 | 61 | 110 | 133 | 198 | 207 | 253 | 77 | 53 | e56 | 75 | e6.1 |
| 10 | 150 | 58 | 116 | 125 | 194 | 196 | 236 | 72 | 71 | e57 | 96 | e5.5 |
| 11 | 130 | 56 | 123 | 117 | 186 | 191 | 215 | 63 | 74 | e61 | 84 | e5.0 |
| 12 | 112 | 60 | 126 | 109 | 178 | 192 | 203 | 53 | 62 | e73 | 76 | e4.8 |
| 13 | 106 | 101 | 132 | 104 | 169 | 190 | 221 | 46 | 55 | e101 | 71 | e5.3 |
| 14 | 102 | 113 | 139 | 130 | 162 | 184 | 281 | 42 | 54 | 129 | 64 | e7.5 |
| 15 | 99 | 125 | 138 | 171 | 156 | 173 | 352 | 39 | 47 | 151 | 61 | e10 |
| 16 | 101 | 143 | 128 | 192 | 148 | 170 | 479 | 39 | 40 | 158 | 61 | e11 |
| 17 | 100 | 159 | 116 | 243 | 138 | 192 | 519 | 36 | 34 | 134 | 54 | e10 |
| 18 | 101 | 163 | 107 | 301 | 126 | 205 | 440 | 37 | 30 | 77 | 44 | e9.3 |
| 19 | 102 | 153 | 101 | 316 | 115 | 229 | 369 | 36 | 27 | 55 | 39 | e8.2 |
| 20 | 96 | 135 | 94 | 299 | 107 | 272 | 311 | 35 | e28 | 53 | 37 | e7.6 |
| 21 | 90 | 119 | 88 | 271 | 104 | 293 | 269 | 36 | e32 | 44 | 36 | e7.5 |
| 22 | 86 | 107 | 85 | 242 | 109 | 292 | 237 | 35 | e35 | 44 | 33 | e7.9 |
| 23 | 82 | 122 | 87 | 217 | 109 | 301 | 206 | 35 | e34 | 61 | e30 | e8.7 |
| 24 | 78 | 135 | 85 | 197 | 133 | 301 | 177 | 35 | e30 | 58 | e28 | e10 |
| 25 | 75 | 137 | 83 | 185 | 162 | 293 | 142 | 34 | e28 | 48 | e27 | e12 |
| 26 | 73 | 134 | 107 | 173 | 176 | 293 | 107 | 32 | e27 | 39 | e26 | e13 |
| 27 | 71 | 134 | 137 | 161 | 197 | 286 | 86 | 31 | 32 | 33 | e25 | e14 |
| 28 | 70 | 160 | 156 | 148 | 242 | 284 | 77 | 28 | 32 | 28 | e22 | e15 |
| 29 | 69 | 166 | 176 | 140 | --- | 274 | 70 | 26 | 51 | 63 | e18 | e14 |
| 30 | 68 | 164 | 206 | 152 | --- | 259 | 66 | 25 | 68 | 246 | e16 | e13 |
| 31 | 67 | --- | 222 | 165 | --- | 251 | --- | 26 | --- | 253 | e14 | --- |
| TOTAL | 4,084 | 3,231 | 4,053 | 5,713 | 4,687 | 7,546 | 7,546 | 1,419 | 1,353 | 2,598 | 2,690 | 274.8 |
| MEAN | 132 | 108 | 131 | 184 | 167 | 243 | 252 | 45.8 | 45.1 | 83.8 | 86.8 | 9.16 |
| MAX | 267 | 166 | 222 | 316 | 242 | 301 | 519 | 77 | 74 | 253 | 281 | 15 |
| MIN | 67 | 56 | 83 | 104 | 104 | 170 | 66 | 25 | 27 | 28 | 14 | 4.8 |
| CFSM | 0.58 | 0.47 | 0.57 | 0.80 | 0.73 | 1.06 | 1.10 | 0.20 | 0.20 | 0.37 | 0.38 | 0.04 |
| IN. | 0.66 | 0.52 | 0.66 | 0.93 | 0.76 | 1.23 | 1.23 | 0.23 | 0.22 | 0.42 | 0.44 | 0.04 |

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2005, BY WATER YEAR (WY)

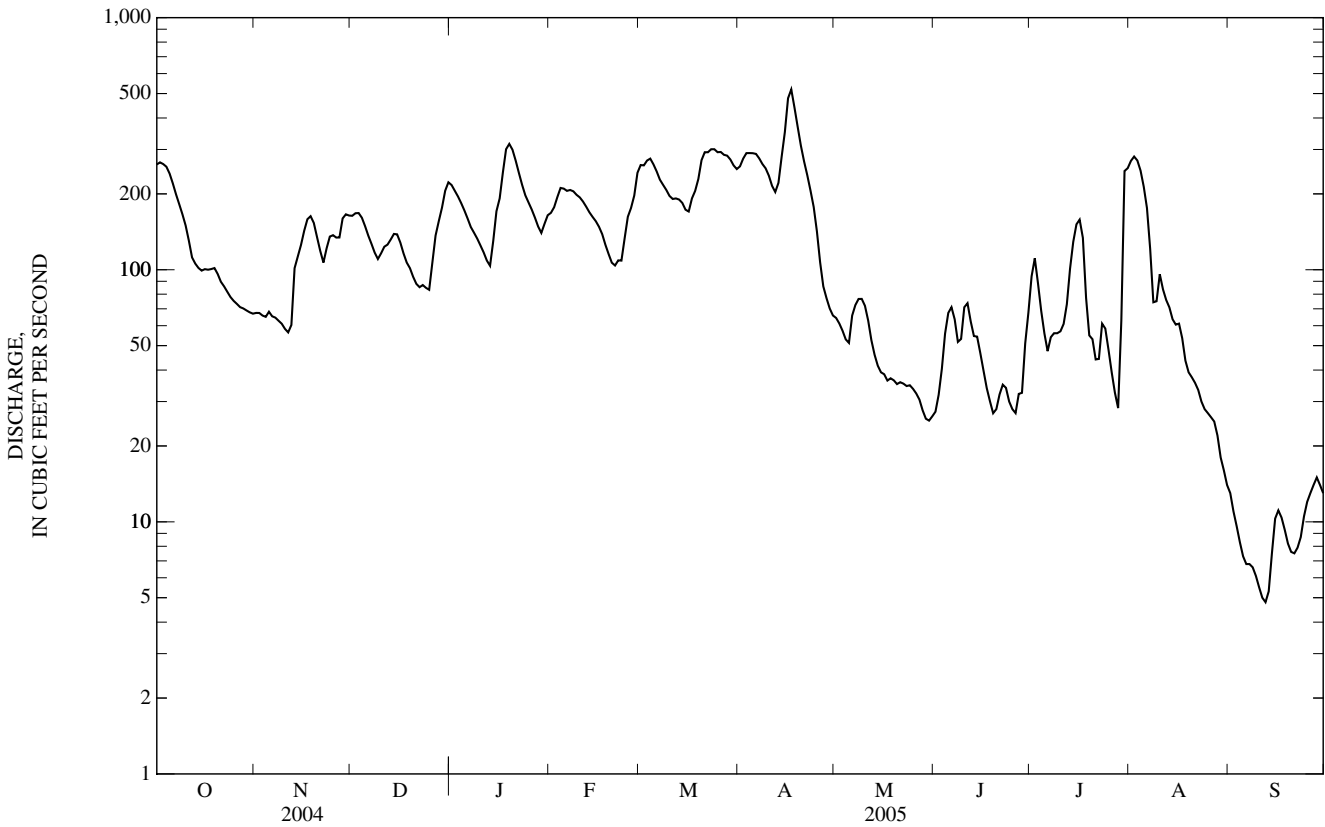
| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 179 | 164 | 217 | 381 | 372 | 407 | 268 | 120 | 104 | 102 | 137 | 221 |
| MAX | 1,094 | 382 | 396 | 1,001 | 1,418 | 1,194 | 571 | 362 | 474 | 469 | 551 | 923 |
| (WY) | (2000) | (1993) | (1990) | (1993) | (1998) | (1998) | (1993) | (1999) | (1995) | (2003) | (2003) | (1999) |
| MIN | 3.43 | 15.3 | 30.1 | 92.9 | 127 | 121 | 66.8 | 11.5 | 2.05 | 0.07 | 8.42 | 6.98 |
| (WY) | (1999) | (1999) | (2002) | (1986) | (1986) | (2002) | (1986) | (2002) | (2002) | (2002) | (2002) | (1997) |

02134480 BIG SWAMP NEAR TARHEEL, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1986 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 80,688 | | 45,194.8 | | 222 | |
| ANNUAL MEAN | 220 | | 124 | | 395 | |
| HIGHEST ANNUAL MEAN | | | | | 62.9 | 1998 |
| LOWEST ANNUAL MEAN | | | | | 3,900 | 2002 |
| HIGHEST DAILY MEAN | 1,580 | Sep 13 | 519 | Apr 17 | 0.00 | Feb 6, 1998 |
| LOWEST DAILY MEAN | 13 | Jul 17 | 4.8 | Sep 12 | 0.00 | Aug 31, 1993 |
| ANNUAL SEVEN-DAY MINIMUM | 16 | Jul 14 | 5.7 | Sep 7 | 0.00 | Jul 3, 2002 |
| MAXIMUM PEAK FLOW | | | 594 | Apr 17 | 3,510 | Sep 17, 1999 |
| MAXIMUM PEAK STAGE | | | 10.99 | Apr 17 | 14.34 | Sep 17, 1999 |
| INSTANTANEOUS LOW FLOW | | | | | 0.00* | Aug 31, 1993 |
| ANNUAL RUNOFF (CFSM) | 0.963 | | 0.541 | | 0.969 | |
| ANNUAL RUNOFF (INCHES) | 13.11 | | 7.34 | | 13.17 | |
| 10 PERCENT EXCEEDS | 529 | | 262 | | 494 | |
| 50 PERCENT EXCEEDS | 154 | | 104 | | 139 | |
| 90 PERCENT EXCEEDS | 43 | | 26 | | 13 | |

* See REMARKS.

e Estimated.



02134500 LUMBER RIVER AT BOARDMAN, NC

LOCATION.--Lat 34°26'33", long 78°57'37". Robeson County, Hydrologic Unit 03040203, on right bank 150 ft downstream of bridge on U.S. Highway 74, 1 mi downstream of Seaboard Coast Line Railroad bridge at Boardman, 1.5 mi downstream of Big Swamp, and 40.5 mi upstream from mouth.

DRAINAGE AREA.--1,228 mi².

PERIOD OF RECORD.--September 1929 to current year.

REVISED RECORDS.--WSP 1303: 1932(M). WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 72.05 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Sept. 30, 1936, nonrecording gage at site 100 ft downstream at same datum. Sept. 30, 1936, to June 8, 1943, nonrecording gage at present site and datum. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Maximum discharge for period of record also occurred Sept. 19, 1999. Minimum discharge for current water year also occurred Sept. 14. Minimum discharge for period of record also occurred Aug. 15, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1928 reached a stage of 11.8 ft, from floodmark witnessed by local resident; discharge, 25,000 ft³/s. Flood of July 22, 1901, the highest during the period 1896-1913, reached a stage of 10.8 ft, from observations by Butters Lumber Co.; discharge, 14,800 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 1,640 | 512 | 1,020 | 1,010 | 1,160 | 1,290 | 1,610 | 924 | 431 | 503 | 729 | 372 |
| 2 | 1,570 | 508 | 1,050 | 1,030 | 1,150 | 1,350 | 1,650 | 818 | 450 | 555 | 919 | 348 |
| 3 | 1,470 | 506 | 1,080 | 1,050 | 1,170 | 1,410 | 1,660 | 717 | 470 | 590 | 1,060 | 319 |
| 4 | 1,380 | 507 | 1,070 | 1,070 | 1,200 | 1,450 | 1,650 | 637 | 598 | 628 | 1,190 | 292 |
| 5 | 1,290 | 509 | 1,040 | 1,060 | 1,200 | 1,460 | 1,620 | 592 | 713 | 672 | 1,260 | 268 |
| 6 | 1,220 | 507 | 1,000 | 1,060 | 1,210 | 1,460 | 1,580 | 598 | 803 | 711 | 1,300 | 250 |
| 7 | 1,160 | 504 | 973 | 1,040 | 1,220 | 1,460 | 1,530 | 588 | 751 | 736 | 1,370 | 234 |
| 8 | 1,150 | 499 | 946 | 1,030 | 1,230 | 1,460 | 1,510 | 577 | 699 | 711 | 1,350 | 216 |
| 9 | 1,160 | 493 | 934 | 1,000 | 1,230 | 1,440 | 1,500 | 569 | 669 | 643 | 1,350 | 201 |
| 10 | 1,170 | 486 | 950 | 974 | 1,230 | 1,410 | 1,500 | 559 | 705 | 590 | 1,440 | 189 |
| 11 | 1,150 | 482 | 933 | 934 | 1,220 | 1,400 | 1,500 | 551 | 727 | 566 | 1,500 | 178 |
| 12 | 1,100 | 495 | 882 | 894 | 1,220 | 1,380 | 1,480 | 543 | 766 | 564 | 1,450 | 170 |
| 13 | 1,030 | 544 | 843 | 867 | 1,210 | 1,330 | 1,460 | 529 | 796 | 601 | 1,310 | 165 |
| 14 | 949 | 567 | 813 | 876 | 1,180 | 1,270 | 1,480 | 515 | 813 | 705 | 1,170 | 176 |
| 15 | 886 | 576 | 789 | 895 | 1,150 | 1,210 | 1,550 | 500 | 826 | 808 | 1,050 | 234 |
| 16 | 835 | 576 | 767 | 962 | 1,110 | 1,200 | 1,700 | 494 | 794 | 871 | 947 | 259 |
| 17 | 775 | 582 | 755 | 1,080 | 1,060 | 1,260 | 1,860 | 472 | 701 | 900 | 857 | 251 |
| 18 | 722 | 597 | 753 | 1,170 | 1,020 | 1,300 | 1,930 | 451 | 608 | 897 | 804 | 229 |
| 19 | 685 | 618 | 758 | 1,210 | 974 | 1,350 | 1,920 | 429 | 539 | 818 | 781 | 213 |
| 20 | 653 | 647 | 760 | 1,230 | 942 | 1,400 | 1,850 | 422 | 526 | 703 | 761 | 206 |
| 21 | 630 | 676 | 760 | 1,260 | 919 | 1,420 | 1,760 | 530 | 500 | 644 | 722 | 202 |
| 22 | 613 | 700 | 751 | 1,320 | 899 | 1,420 | 1,680 | 577 | 475 | 618 | 658 | 198 |
| 23 | 598 | 923 | 743 | 1,400 | 871 | 1,470 | 1,610 | 626 | 438 | 584 | 595 | 198 |
| 24 | 585 | 1,030 | 721 | 1,490 | 987 | 1,510 | 1,530 | 599 | 366 | 551 | 548 | 214 |
| 25 | 574 | 1,080 | 688 | 1,560 | 1,070 | 1,570 | 1,450 | 542 | 333 | 512 | 532 | 244 |
| 26 | 560 | 1,060 | 709 | 1,560 | 1,120 | 1,610 | 1,370 | 501 | 304 | 477 | 532 | 270 |
| 27 | 547 | 1,030 | 758 | 1,490 | 1,160 | 1,650 | 1,290 | 476 | 281 | 454 | 510 | 285 |
| 28 | 537 | 1,030 | 819 | 1,380 | 1,240 | 1,660 | 1,190 | 457 | 312 | 438 | 498 | 297 |
| 29 | 530 | 997 | 902 | 1,280 | --- | 1,660 | 1,090 | 435 | 384 | 428 | 450 | 303 |
| 30 | 524 | 990 | 958 | 1,240 | --- | 1,630 | 1,000 | 418 | 468 | 437 | 410 | 319 |
| 31 | 519 | --- | 991 | 1,190 | --- | 1,600 | --- | 422 | --- | 529 | 388 | --- |
| TOTAL | 28,212 | 20,231 | 26,916 | 35,612 | 31,352 | 44,490 | 46,510 | 17,068 | 17,246 | 19,444 | 28,441 | 7,300 |
| MEAN | 910 | 674 | 868 | 1,149 | 1,120 | 1,435 | 1,550 | 551 | 575 | 627 | 917 | 243 |
| MAX | 1,640 | 1,080 | 1,080 | 1,560 | 1,240 | 1,660 | 1,930 | 924 | 826 | 900 | 1,500 | 372 |
| MIN | 519 | 482 | 688 | 867 | 871 | 1,200 | 1,000 | 418 | 281 | 428 | 388 | 165 |
| CFSM | 0.74 | 0.55 | 0.71 | 0.94 | 0.91 | 1.17 | 1.26 | 0.45 | 0.47 | 0.51 | 0.75 | 0.20 |
| IN. | 0.85 | 0.61 | 0.82 | 1.08 | 0.95 | 1.35 | 1.41 | 0.52 | 0.52 | 0.59 | 0.86 | 0.22 |

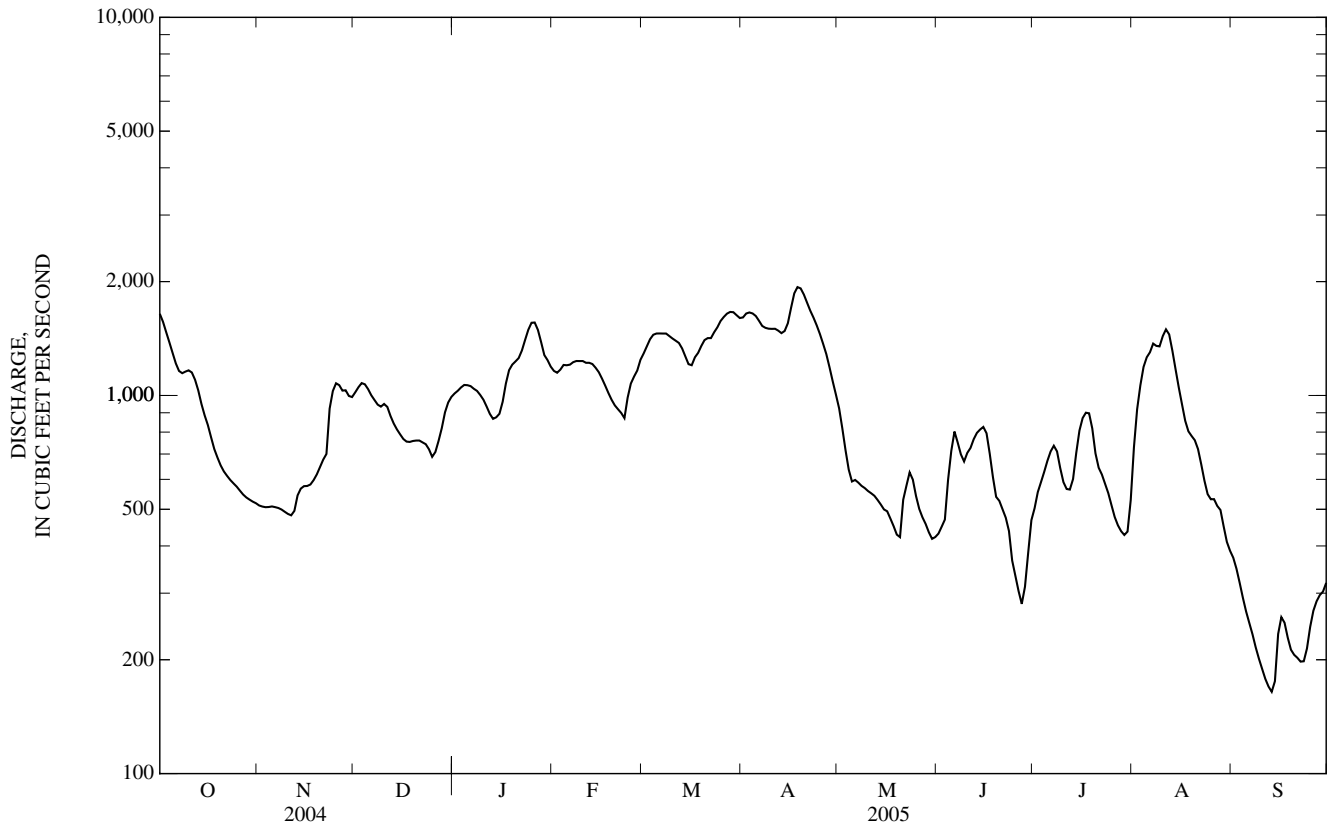
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

| | | | | | | | | | | | | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 893 | 888 | 1,289 | 1,835 | 2,194 | 2,322 | 1,840 | 985 | 759 | 807 | 929 | 1,080 |
| MAX | 5,496 | 4,142 | 3,977 | 4,575 | 5,944 | 5,259 | 5,688 | 3,430 | 2,587 | 2,897 | 3,741 | 4,930 |
| (WY) | (2000) | (1948) | (1949) | (1993) | (1998) | (1983) | (1936) | (1978) | (1969) | (2003) | (1974) | (1999) |
| MIN | 141 | 211 | 237 | 262 | 429 | 611 | 420 | 249 | 110 | 80.8 | 84.5 | 92.2 |
| (WY) | (1941) | (1934) | (1934) | (1934) | (1934) | (1934) | (1981) | (2002) | (2002) | (2002) | (2002) | (1968) |

02134500 LUMBER RIVER AT BOARDMAN, NC—Continued

| SUMMARY STATISTICS | FOR 2004 CALENDAR YEAR | | FOR 2005 WATER YEAR | | WATER YEARS 1930 - 2005 | |
|--------------------------|------------------------|--------|---------------------|--------|-------------------------|--------------|
| ANNUAL TOTAL | 435,865 | | 322,822 | | 1,314 | |
| ANNUAL MEAN | 1,191 | | 884 | | 2,391 | |
| HIGHEST ANNUAL MEAN | | | | | 405 | |
| LOWEST ANNUAL MEAN | | | | | 1965 | |
| HIGHEST DAILY MEAN | 7,000 | Sep 13 | 1,930 | Apr 18 | 13,400 | Sep 24, 1945 |
| LOWEST DAILY MEAN | 233 | Jul 23 | 165 | Sep 13 | 42 | Aug 14, 2002 |
| ANNUAL SEVEN-DAY MINIMUM | 246 | Jul 22 | 185 | Sep 8 | 48 | Aug 18, 2002 |
| MAXIMUM PEAK FLOW | | | 1,940 | Apr 18 | 13,400* | Sep 24, 1945 |
| MAXIMUM PEAK STAGE | | | 6.73 | Apr 18 | 10.70 | Sep 19, 1999 |
| INSTANTANEOUS LOW FLOW | | | 163* | Sep 13 | 40* | Aug 14, 2002 |
| ANNUAL RUNOFF (CFSM) | 0.970 | | 0.720 | | 1.07 | |
| ANNUAL RUNOFF (INCHES) | 13.20 | | 9.78 | | 14.54 | |
| 10 PERCENT EXCEEDS | 2,330 | | 1,480 | | 2,800 | |
| 50 PERCENT EXCEEDS | 940 | | 818 | | 958 | |
| 90 PERCENT EXCEEDS | 402 | | 386 | | 293 | |

* See REMARKS.



351812080445545 CRN01

LOCATION.--Lat 35°18'11", long 80°45'00", Mecklenburg County, Hydrologic Unit 03040105, Fire Station 27, Ken Hoffman Drive, Charlotte, NC.

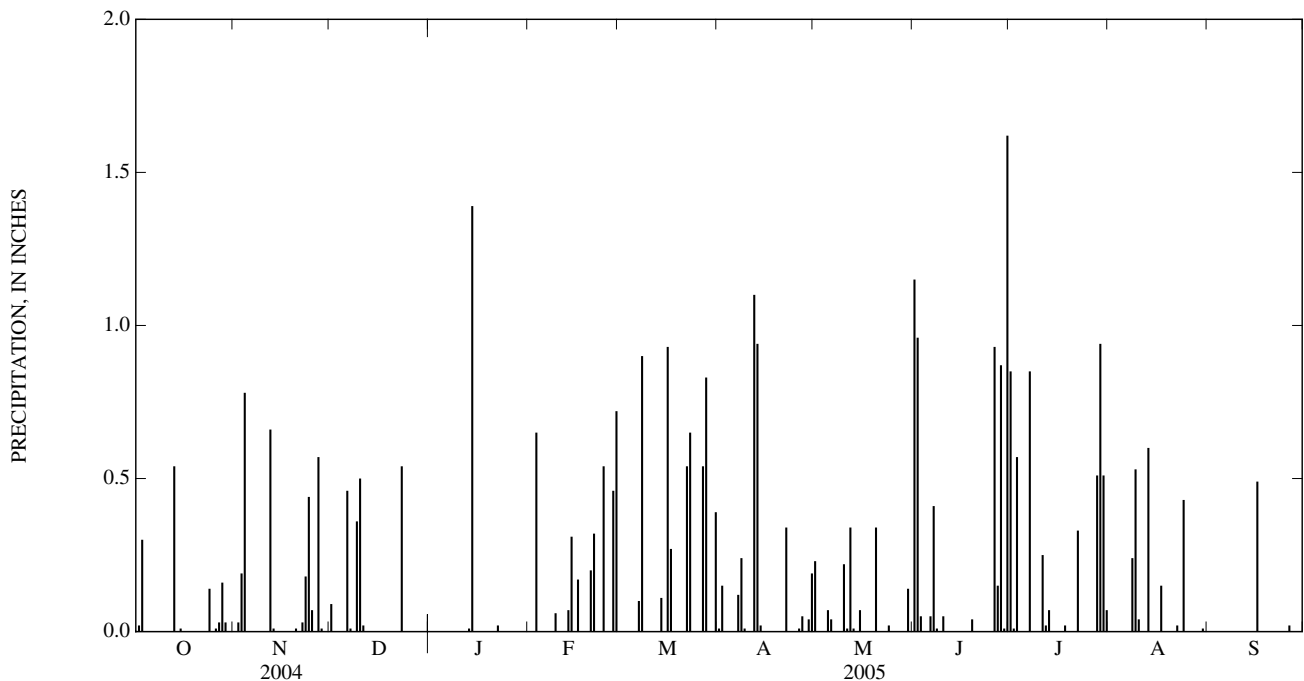
PERIOD OF RECORD.--September 1992 to current year. Records for period September 1992 to September 1998 published in USGS OFR 96-150, 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.01 | 0.23 | 1.15 | 0.85 | 0.00 | 0.00 |
| 2 | 0.02 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.96 | 0.01 | 0.00 | 0.00 |
| 3 | 0.30 | 0.19 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 0.00 | 0.05 | 0.57 | 0.00 | 0.00 |
| 4 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.05 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.10 | 0.12 | 0.00 | 0.41 | 0.85 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.90 | 0.24 | 0.00 | 0.01 | 0.00 | 0.24 | 0.00 |
| 9 | 0.00 | 0.00 | 0.36 | 0.00 | 0.06 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.53 | 0.00 |
| 10 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.05 | 0.00 | 0.04 | 0.00 |
| 11 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.25 | 0.00 | 0.00 |
| 12 | 0.00 | 0.66 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.34 | 0.00 | 0.02 | 0.00 | 0.00 |
| 13 | 0.54 | 0.01 | 0.00 | 0.01 | 0.07 | 0.00 | 0.94 | 0.01 | 0.00 | 0.07 | 0.60 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.39 | 0.31 | 0.11 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.49 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 | 0.54 | 0.34 | 0.00 | 0.00 | 0.33 | 0.02 | 0.00 |
| 23 | 0.00 | 0.18 | 0.54 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.14 | 0.44 | 0.00 | 0.00 | 0.54 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.43 | 0.00 |
| 25 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.93 | 0.00 | 0.00 | 0.02 |
| 27 | 0.03 | 0.57 | 0.00 | 0.00 | 0.46 | 0.54 | 0.05 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 |
| 28 | 0.16 | 0.01 | 0.00 | 0.00 | 0.72 | 0.83 | 0.00 | 0.00 | 0.87 | 0.51 | 0.00 | 0.00 |
| 29 | 0.03 | 0.00 | 0.00 | --- | --- | 0.00 | 0.04 | 0.00 | 0.01 | 0.94 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.19 | 0.14 | 1.62 | 0.51 | 0.01 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.39 | --- | 0.00 | --- | 0.07 | 0.00 | --- |
| TOTAL | 1.24 | 2.98 | 1.98 | --- | 3.50 | 5.26 | 3.22 | 1.49 | 6.30 | 5.00 | 2.02 | 0.51 |



LOCATION.--Lat 35°15'42", long 80°43'08", Mecklenburg County, Hydrologic Unit 03040105, Reedy Creek Park Environmental Center, Rocky River Road, Charlotte, NC.

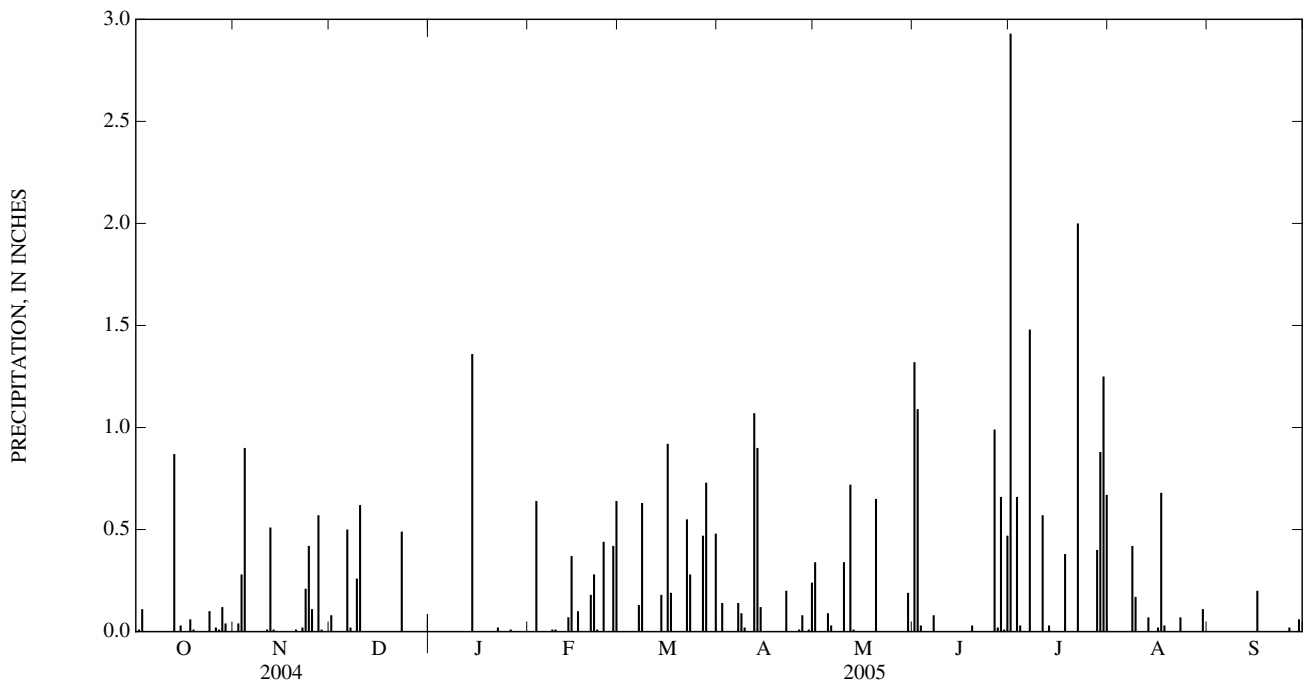
PERIOD OF RECORD.--March 1993 to current year. Records for period March 1993 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|-------|------|------|
| 1 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 1.32 | 2.93 | 0.00 | 0.00 |
| 2 | 0.01 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 1.09 | 0.00 | 0.00 | 0.00 |
| 3 | 0.11 | 0.28 | 0.00 | 0.00 | 0.64 | 0.00 | 0.00 | 0.00 | 0.03 | 0.66 | 0.00 | 0.00 |
| 4 | 0.00 | 0.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.13 | 0.14 | 0.00 | 0.08 | 1.48 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.63 | 0.09 | 0.00 | 0.00 | 0.00 | 0.42 | 0.00 |
| 9 | 0.00 | 0.00 | 0.26 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 |
| 10 | 0.00 | 0.00 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 |
| 12 | 0.00 | 0.51 | 0.00 | 0.00 | 0.00 | 0.00 | 1.07 | 0.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.87 | 0.01 | 0.00 | 0.00 | 0.07 | 0.00 | 0.90 | 0.01 | 0.00 | 0.03 | 0.07 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.36 | 0.37 | 0.18 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.20 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.68 | 0.00 |
| 18 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 0.03 | 0.00 |
| 19 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.18 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.55 | 0.20 | 0.00 | 0.00 | 2.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.21 | 0.49 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 |
| 24 | 0.10 | 0.42 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.02 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.99 | 0.00 | 0.00 | 0.02 |
| 27 | 0.01 | 0.57 | 0.00 | 0.00 | 0.42 | 0.47 | 0.08 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 28 | 0.12 | 0.01 | 0.00 | 0.00 | 0.64 | 0.73 | 0.00 | 0.00 | 0.66 | 0.40 | 0.00 | 0.00 |
| 29 | 0.04 | 0.00 | 0.00 | --- | --- | 0.00 | 0.01 | 0.00 | 0.01 | 0.88 | 0.00 | 0.06 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.24 | 0.19 | 0.47 | 1.25 | 0.11 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.48 | --- | 0.00 | --- | 0.67 | 0.00 | --- |
| TOTAL | 1.38 | 3.10 | 1.97 | --- | 3.17 | 4.56 | 3.02 | 2.37 | 4.70 | 11.28 | 1.57 | 0.28 |



351302080412701 CRN23

LOCATION.--Lat 35°13'01", long 80°41'27", Mecklenburg County, Hydrologic Unit 03040105, Charles T. Myers golf course, Harrisburg Road, Charlotte, NC.

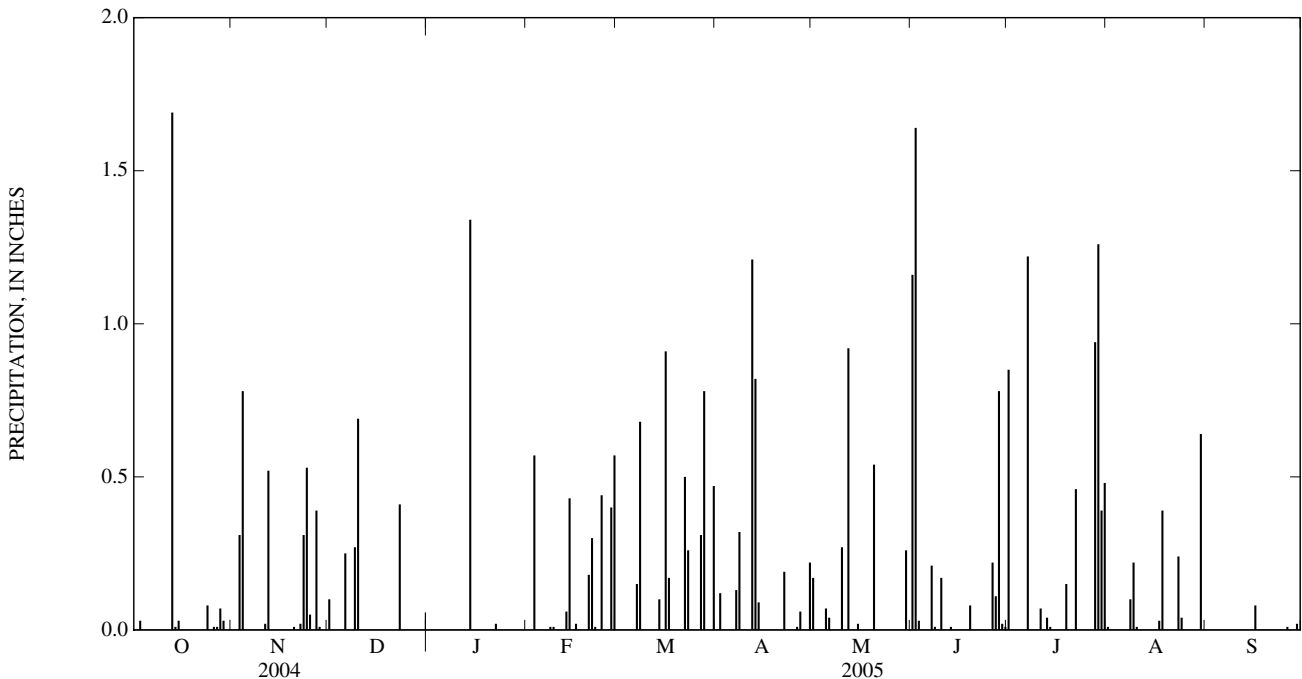
PERIOD OF RECORD.--October 1988 to current year. Records for period October 1988 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 1.16 | 0.85 | 0.01 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 1.64 | 0.00 | 0.00 | 0.00 |
| 3 | 0.03 | 0.31 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.13 | 0.00 | 0.21 | 1.22 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.68 | 0.32 | 0.00 | 0.01 | 0.00 | 0.10 | 0.00 |
| 9 | 0.00 | 0.00 | 0.27 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 |
| 10 | 0.00 | 0.00 | 0.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.17 | 0.00 | 0.01 | 0.00 |
| 11 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 |
| 12 | 0.00 | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 1.21 | 0.92 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 1.69 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.82 | 0.00 | 0.01 | 0.04 | 0.00 | 0.00 |
| 14 | 0.01 | 0.00 | 0.00 | 1.34 | 0.43 | 0.10 | 0.09 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 15 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.15 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.18 | 0.00 | 0.00 | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.02 | 0.00 | 0.02 | 0.01 | 0.50 | 0.19 | 0.00 | 0.00 | 0.46 | 0.00 | 0.00 |
| 23 | 0.00 | 0.31 | 0.41 | 0.00 | 0.00 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 |
| 24 | 0.08 | 0.53 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| 25 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.22 | 0.00 | 0.00 | 0.01 |
| 27 | 0.01 | 0.39 | 0.00 | 0.00 | 0.40 | 0.31 | 0.06 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 |
| 28 | 0.07 | 0.01 | 0.00 | 0.00 | 0.57 | 0.78 | 0.00 | 0.00 | 0.78 | 0.94 | 0.00 | 0.00 |
| 29 | 0.03 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.00 | 0.02 | 1.26 | 0.00 | 0.02 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.22 | 0.26 | 0.01 | 0.39 | 0.64 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.47 | --- | 0.00 | --- | 0.48 | 0.00 | --- |
| TOTAL | 1.96 | 2.95 | 1.72 | --- | 3.00 | 4.33 | 3.17 | 2.29 | 4.45 | 5.87 | 1.68 | 0.11 |



LOCATION.--Lat 35°24'33", long 80°47'38", Mecklenburg County, Hydrologic Unit 03040105, Bradford Airfield, Huntersville-Concord Road, Huntersville, NC.

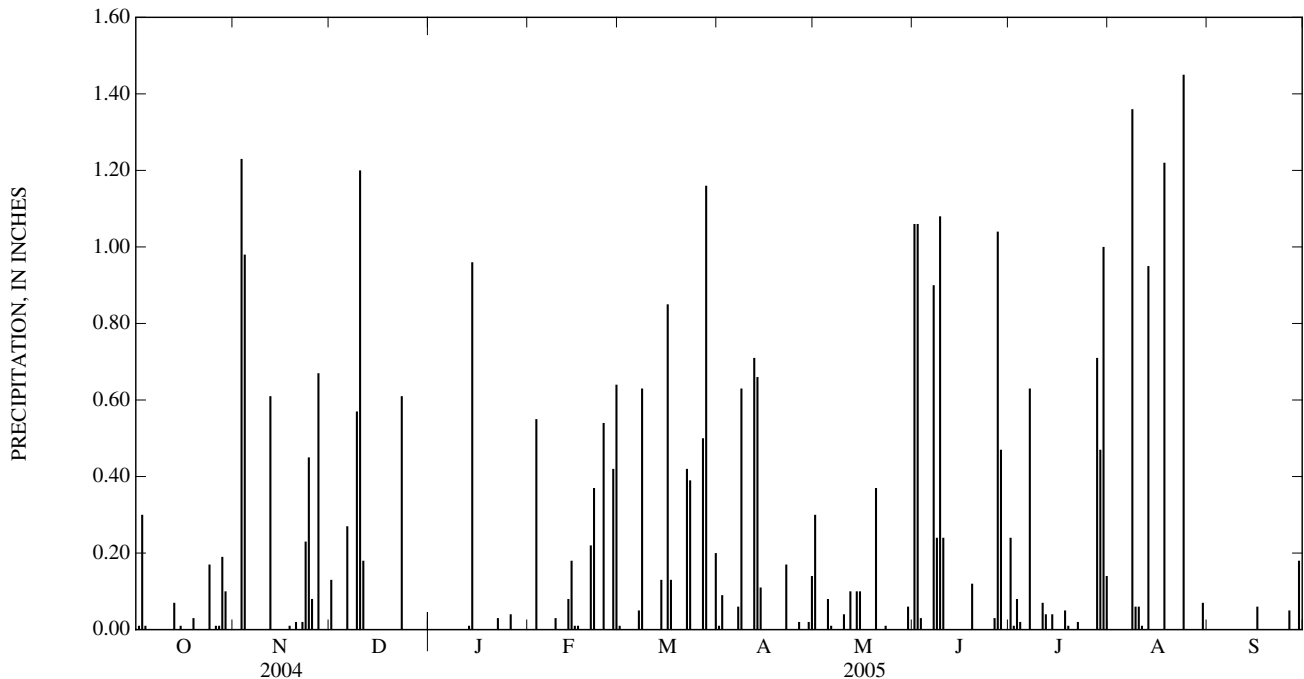
PERIOD OF RECORD.--June 1994 to current year. Records for period June 1994 to September 1998 published in USGS OFR 96-150, 98-67, and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.01 | 0.01 | 0.30 | 1.06 | 0.24 | 0.00 | 0.00 |
| 2 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 1.06 | 0.01 | 0.00 | 0.00 |
| 3 | 0.30 | 1.23 | 0.00 | 0.00 | 0.55 | 0.00 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.00 |
| 4 | 0.01 | 0.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.06 | 0.00 | 0.90 | 0.63 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.63 | 0.00 | 0.24 | 0.00 | 1.36 | 0.00 |
| 9 | 0.00 | 0.00 | 0.57 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 1.08 | 0.00 | 0.06 | 0.00 |
| 10 | 0.00 | 0.00 | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.24 | 0.00 | 0.06 | 0.00 |
| 11 | 0.00 | 0.00 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.01 | 0.00 |
| 12 | 0.00 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.71 | 0.10 | 0.00 | 0.04 | 0.00 | 0.00 |
| 13 | 0.07 | 0.00 | 0.00 | 0.01 | 0.08 | 0.00 | 0.66 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.96 | 0.18 | 0.13 | 0.11 | 0.10 | 0.00 | 0.04 | 0.00 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 1.22 | 0.00 |
| 19 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.01 | 0.00 | 0.00 |
| 20 | 0.00 | 0.02 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.02 | 0.00 | 0.03 | 0.00 | 0.42 | 0.17 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 |
| 23 | 0.00 | 0.23 | 0.61 | 0.00 | 0.00 | 0.39 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.17 | 0.45 | 0.00 | 0.00 | 0.54 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 1.45 | 0.00 |
| 25 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.02 | --- | 0.03 | 0.00 | 0.00 | 0.05 |
| 27 | 0.01 | 0.67 | 0.00 | 0.00 | 0.42 | 0.50 | 0.00 | 0.00 | 1.04 | 0.00 | 0.00 | 0.00 |
| 28 | 0.19 | 0.00 | 0.00 | 0.00 | 0.64 | 1.16 | 0.00 | 0.00 | 0.47 | 0.71 | 0.00 | 0.00 |
| 29 | 0.10 | 0.00 | 0.00 | --- | --- | 0.00 | 0.02 | 0.00 | 0.00 | 0.47 | 0.00 | 0.18 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.14 | 0.06 | 0.00 | 1.00 | 0.07 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.20 | --- | 0.00 | --- | 0.14 | 0.00 | --- |
| TOTAL | 0.91 | 4.30 | 2.96 | --- | 3.05 | 4.47 | 2.62 | --- | 6.27 | 3.53 | 5.18 | 0.29 |



351218080331345 CRN29

LOCATION.--Lat 35°12'20", long 80°33'08", Mecklenburg County, Hydrologic Unit 03040105, Clear Creek Boy Scout Camp, Belt Road, Midland, NC.

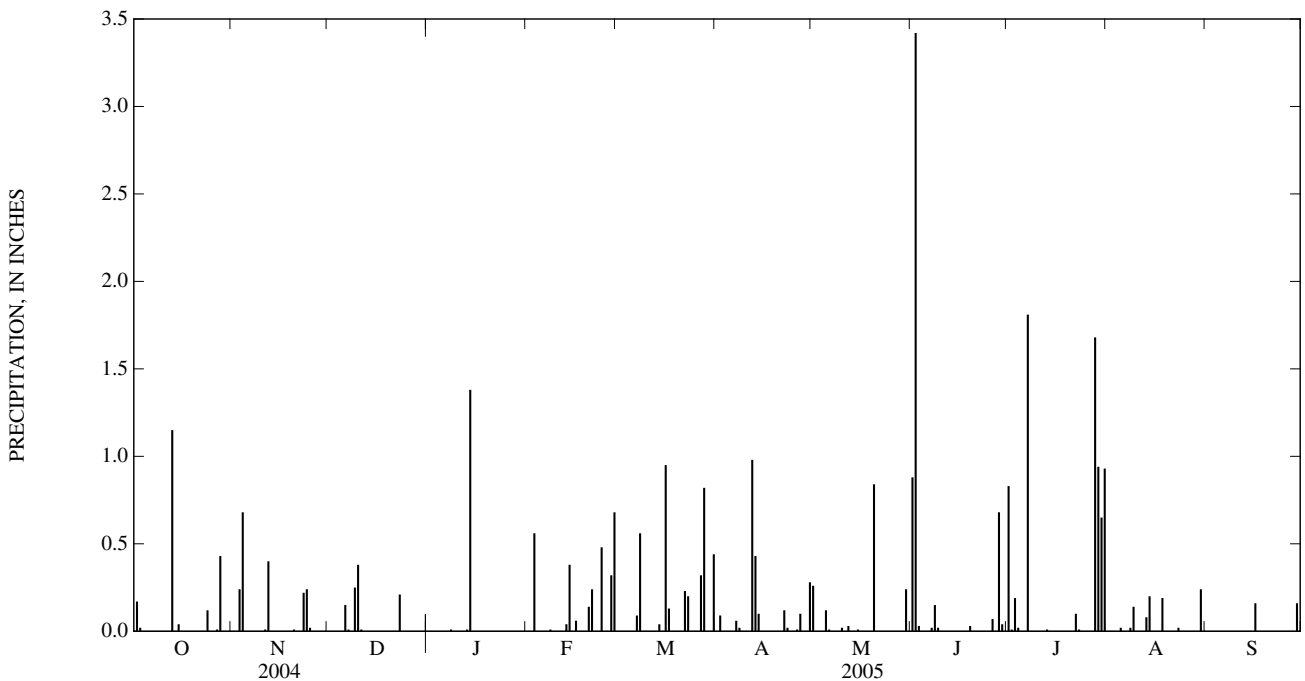
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.88 | 0.83 | 0.00 | 0.00 |
| 2 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 3.42 | 0.01 | 0.00 | 0.00 |
| 3 | 0.02 | 0.24 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0.03 | 0.19 | 0.00 | 0.00 |
| 4 | 0.00 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.02 | 0.00 |
| 6 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.09 | 0.06 | 0.00 | 0.02 | 1.81 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.56 | 0.02 | 0.00 | 0.15 | 0.00 | 0.02 | 0.00 |
| 9 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.14 | 0.00 |
| 10 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.98 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 1.15 | 0.00 | 0.00 | 0.01 | 0.04 | 0.00 | 0.43 | 0.00 | 0.00 | 0.01 | 0.08 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.38 | 0.38 | 0.04 | 0.10 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 |
| 15 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 | 0.12 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 |
| 23 | 0.00 | 0.22 | 0.21 | 0.00 | 0.00 | 0.20 | 0.02 | 0.00 | 0.00 | 0.01 | 0.02 | 0.00 |
| 24 | 0.12 | 0.24 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 |
| 27 | 0.01 | --- | 0.00 | 0.00 | 0.32 | 0.32 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 0.43 | --- | 0.00 | 0.00 | 0.68 | 0.82 | 0.00 | 0.00 | 0.68 | 1.68 | 0.00 | 0.00 |
| 29 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.00 | 0.04 | 0.94 | 0.00 | 0.16 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.28 | 0.24 | 0.00 | 0.65 | 0.24 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.44 | --- | 0.00 | --- | 0.93 | 0.00 | --- |
| TOTAL | 1.94 | --- | --- | --- | 2.91 | 3.78 | 2.21 | 1.53 | 5.34 | 7.18 | 0.91 | 0.32 |



LOCATION.--Lat 35°14'56", long 80°37'43", Mecklenburg County, Hydrologic Unit 03040105, private residence, Peach Orchard Road, Mint Hill, NC.

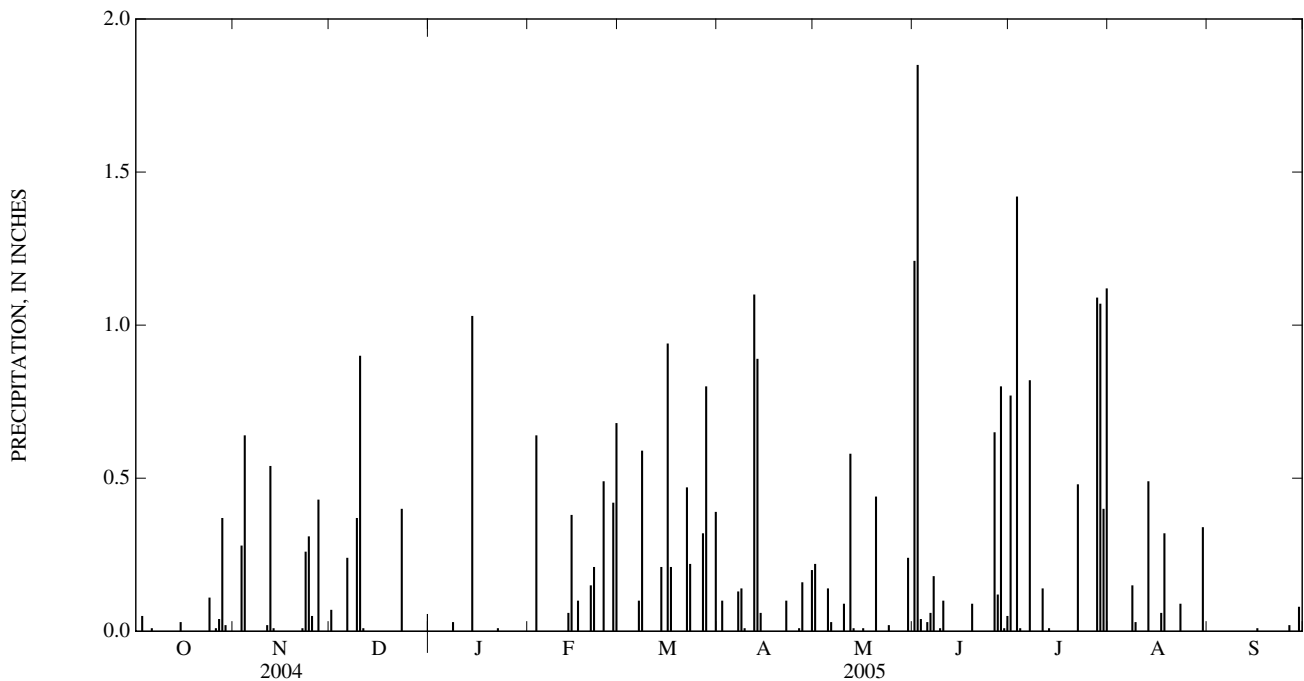
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 1.21 | 0.77 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 1.85 | 0.00 | 0.00 | 0.00 |
| 3 | 0.05 | 0.28 | 0.00 | 0.00 | 0.64 | 0.00 | 0.00 | 0.00 | 0.04 | 1.42 | 0.00 | 0.00 |
| 4 | 0.00 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.03 | 0.00 | 0.00 | 0.00 |
| 6 | 0.01 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.13 | 0.00 | 0.18 | 0.82 | 0.00 | 0.00 |
| 8 | --- | 0.00 | 0.00 | 0.03 | 0.00 | 0.59 | 0.14 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 |
| 9 | --- | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.03 | 0.00 |
| 10 | --- | 0.00 | 0.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.10 | 0.00 | 0.00 | 0.00 |
| 11 | --- | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 |
| 12 | --- | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | --- | 0.01 | 0.00 | 0.00 | 0.06 | 0.00 | 0.89 | 0.01 | 0.00 | 0.01 | 0.49 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.03 | 0.38 | 0.21 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.94 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.47 | 0.10 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 |
| 23 | 0.00 | 0.26 | 0.40 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 |
| 24 | 0.11 | 0.31 | 0.00 | 0.00 | 0.49 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.65 | 0.00 | 0.00 | 0.02 |
| 27 | 0.04 | 0.43 | 0.00 | 0.00 | 0.42 | 0.32 | 0.16 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 |
| 28 | 0.37 | 0.00 | 0.00 | 0.00 | 0.68 | 0.80 | 0.00 | 0.00 | 0.80 | 1.09 | 0.00 | 0.00 |
| 29 | 0.02 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.00 | 0.01 | 1.07 | 0.00 | 0.08 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.20 | 0.24 | 0.05 | 0.40 | 0.34 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.39 | --- | 0.00 | --- | 1.12 | 0.00 | --- |
| TOTAL | --- | 2.55 | 1.99 | --- | 3.13 | 4.25 | 2.90 | 1.78 | 5.20 | 7.33 | 1.48 | 0.11 |



351028080385545 CRN32

LOCATION.--Lat 35°10'29", long 80°38'54", Mecklenburg County, Hydrologic Unit 03040105, Bain Elementary School, Bain School Road, Mint Hill, NC.

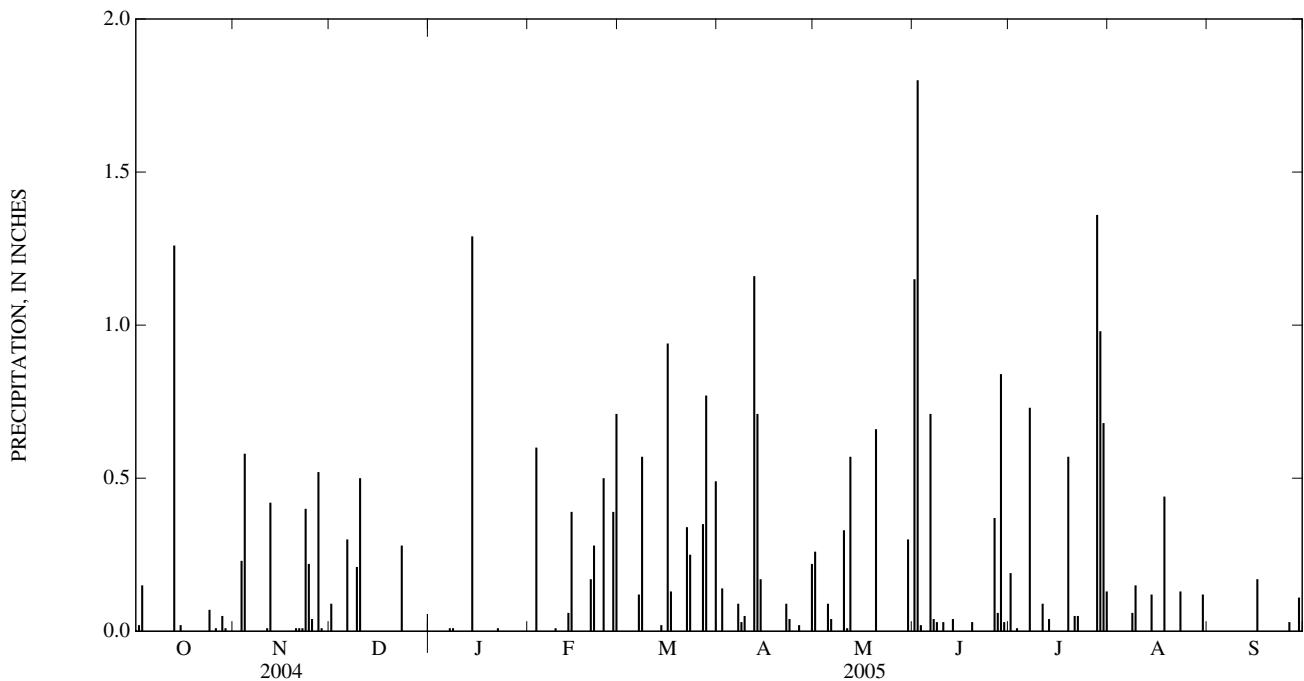
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 1.15 | 0.19 | 0.00 | 0.00 |
| 2 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 1.80 | 0.00 | 0.00 | 0.00 |
| 3 | 0.15 | 0.23 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.00 |
| 4 | 0.00 | 0.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.71 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.12 | 0.09 | 0.00 | 0.04 | 0.73 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.57 | 0.03 | 0.00 | 0.03 | 0.00 | 0.06 | 0.00 |
| 9 | 0.00 | 0.00 | 0.21 | 0.00 | 0.01 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 |
| 10 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 | 0.03 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.09 | 0.00 | 0.00 |
| 12 | 0.00 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 1.16 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 1.26 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.71 | 0.00 | 0.04 | 0.04 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.29 | 0.39 | 0.02 | 0.17 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 |
| 15 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.57 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.66 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.01 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| 22 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.34 | 0.09 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| 23 | 0.00 | 0.40 | 0.28 | 0.00 | 0.00 | 0.25 | 0.04 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 |
| 24 | 0.07 | 0.22 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.37 | 0.00 | 0.00 | 0.03 |
| 27 | 0.00 | 0.52 | 0.00 | 0.00 | 0.39 | 0.35 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 |
| 28 | 0.05 | 0.01 | 0.00 | 0.00 | 0.71 | 0.77 | 0.00 | 0.00 | 0.84 | 1.36 | 0.00 | 0.00 |
| 29 | 0.01 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.00 | 0.03 | 0.98 | 0.00 | 0.11 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.22 | 0.30 | 0.00 | 0.68 | 0.12 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.49 | --- | 0.00 | --- | 0.13 | 0.00 | --- |
| TOTAL | 1.59 | 2.46 | 1.38 | --- | 3.11 | 3.98 | 2.72 | 2.26 | 5.15 | 4.88 | 1.02 | 0.31 |



LOCATION.--Lat 35°20'07", long 80°41'51", Mecklenburg County, Hydrologic Unit 03040105, Mallard Creek WWTP, U.S. Highway 29 North, Charlotte, NC.

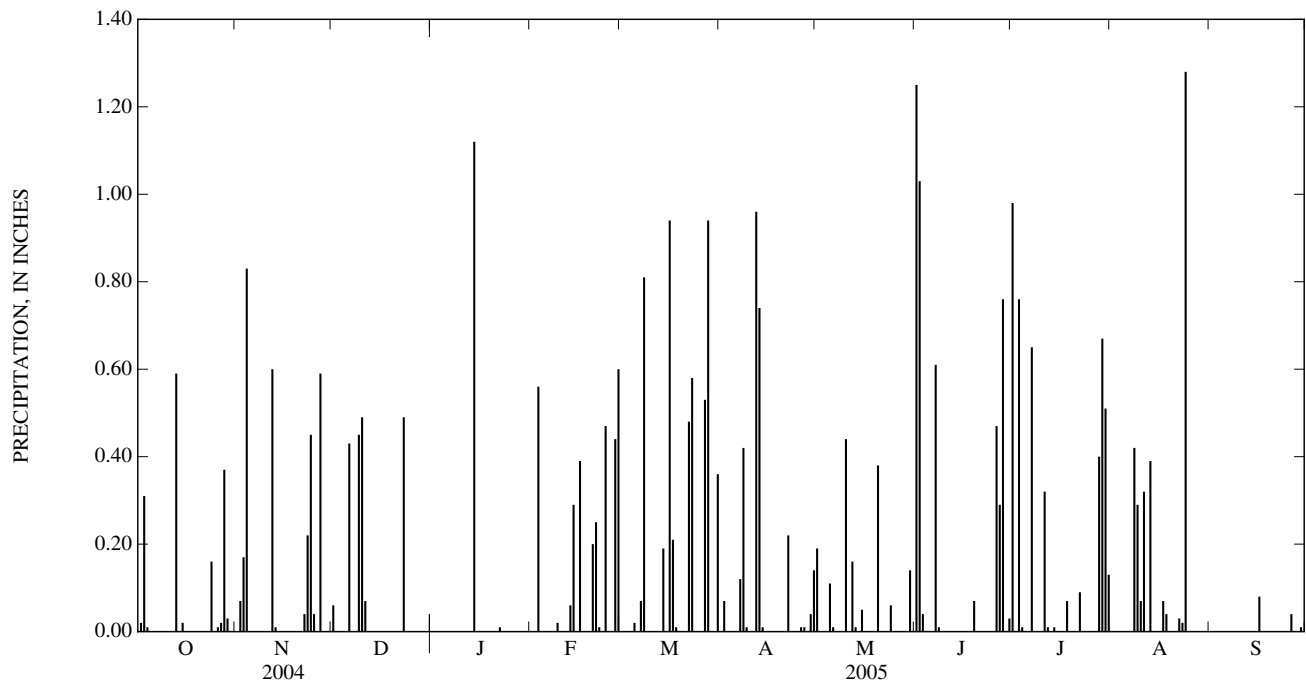
PERIOD OF RECORD.--December 1995 to current year. Records for period December 1995 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 1.25 | 0.98 | 0.00 | 0.00 |
| 2 | 0.02 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 1.03 | 0.00 | 0.00 | 0.00 |
| 3 | 0.31 | 0.17 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0.04 | 0.76 | 0.00 | 0.00 |
| 4 | 0.01 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.12 | 0.00 | 0.61 | 0.65 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.81 | 0.42 | 0.00 | 0.01 | 0.00 | 0.42 | 0.00 |
| 9 | 0.00 | 0.00 | 0.45 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 |
| 10 | 0.00 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.07 | 0.00 |
| 11 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.32 | 0.32 | 0.00 |
| 12 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.96 | 0.16 | 0.00 | 0.01 | 0.00 | 0.00 |
| 13 | 0.59 | 0.01 | 0.00 | 0.00 | 0.06 | 0.00 | 0.74 | 0.01 | 0.00 | 0.00 | 0.39 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.12 | 0.29 | 0.19 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 15 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.07 | 0.04 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.04 | 0.00 | 0.01 | 0.01 | 0.48 | 0.22 | 0.00 | 0.00 | 0.09 | 0.03 | 0.00 |
| 23 | 0.00 | 0.22 | 0.49 | 0.00 | 0.00 | 0.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| 24 | 0.16 | 0.45 | 0.00 | 0.00 | 0.47 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 1.28 | 0.00 |
| 25 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.47 | 0.00 | 0.00 | 0.04 |
| 27 | 0.02 | 0.59 | 0.00 | 0.00 | 0.44 | 0.53 | 0.01 | 0.00 | 0.29 | 0.00 | 0.00 | 0.00 |
| 28 | 0.37 | 0.00 | 0.00 | 0.00 | 0.60 | 0.94 | 0.00 | 0.00 | 0.76 | 0.40 | 0.00 | 0.00 |
| 29 | 0.03 | 0.00 | 0.00 | --- | --- | 0.00 | 0.04 | 0.00 | 0.00 | 0.67 | 0.00 | 0.01 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.14 | 0.14 | 0.03 | 0.51 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.36 | --- | 0.00 | --- | 0.13 | 0.00 | --- |
| TOTAL | 1.54 | 3.02 | 1.99 | --- | 3.29 | 5.14 | 2.75 | 1.55 | 4.56 | 4.61 | 2.93 | 0.13 |



352921080473245 CRN36

LOCATION.--Lat 35°29'22", long 80°47'32", Mecklenburg County, Hydrologic Unit 03040105, Westfork Substation, Shearer Road, Davidson, NC.

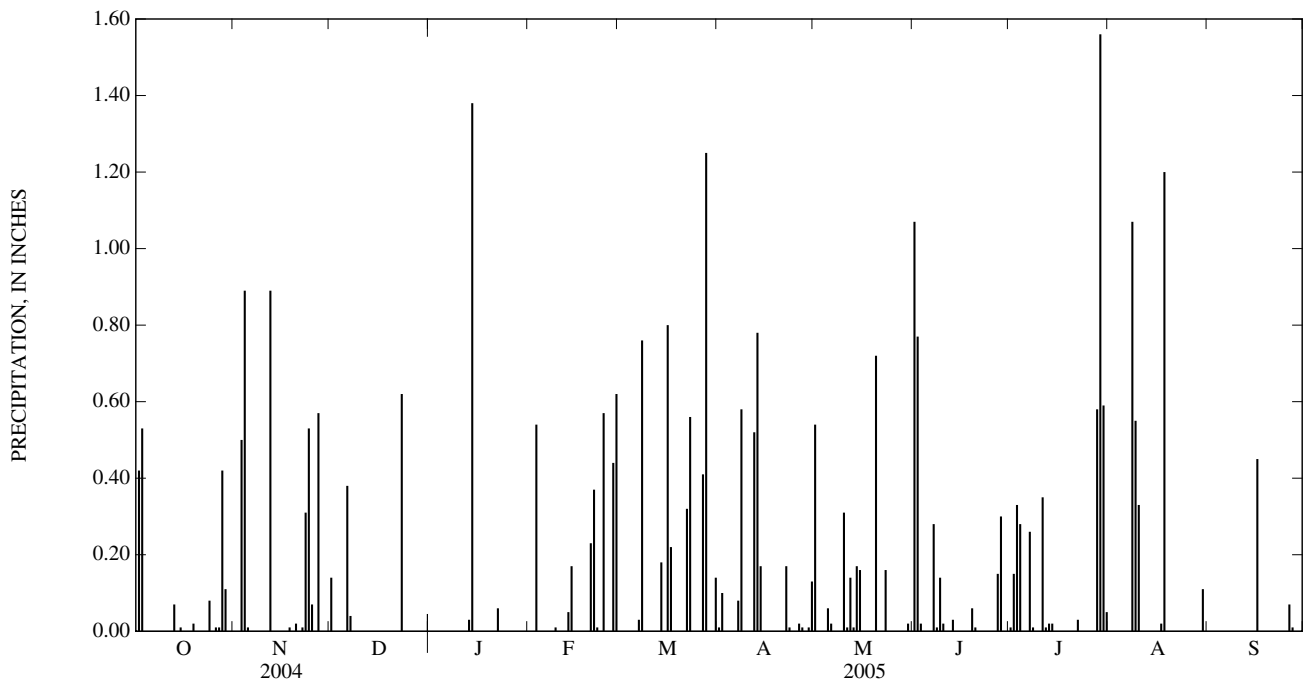
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.01 | 0.54 | 1.07 | 0.01 | 0.00 | 0.00 |
| 2 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.77 | 0.15 | 0.00 | 0.00 |
| 3 | 0.53 | 0.50 | 0.00 | 0.00 | 0.54 | 0.00 | 0.00 | 0.00 | 0.02 | 0.33 | 0.00 | 0.00 |
| 4 | 0.00 | 0.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 |
| 5 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 | 0.28 | 0.26 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.76 | 0.58 | 0.00 | 0.01 | 0.01 | 1.07 | 0.00 |
| 9 | 0.00 | 0.00 | --- | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.55 | 0.00 |
| 10 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.02 | 0.00 | 0.33 | 0.00 |
| 11 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.35 | 0.00 | 0.00 |
| 12 | 0.00 | 0.89 | --- | 0.00 | 0.00 | 0.00 | 0.52 | 0.14 | 0.00 | 0.01 | 0.00 | 0.00 |
| 13 | 0.07 | 0.00 | --- | 0.03 | 0.05 | 0.00 | 0.78 | 0.01 | 0.03 | 0.02 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.38 | 0.17 | 0.18 | 0.17 | 0.17 | 0.00 | 0.02 | 0.00 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.45 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.00 |
| 19 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.02 | 0.00 | 0.00 | 0.23 | 0.00 | 0.00 | 0.72 | 0.01 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.01 | 0.00 | 0.06 | 0.01 | 0.32 | 0.17 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 23 | 0.00 | 0.31 | 0.62 | 0.00 | 0.00 | 0.56 | 0.01 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.08 | 0.53 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |
| 27 | 0.01 | 0.57 | 0.00 | 0.00 | 0.44 | 0.41 | 0.01 | 0.00 | 0.15 | 0.00 | 0.00 | 0.01 |
| 28 | 0.42 | 0.00 | 0.00 | 0.00 | 0.62 | 1.25 | 0.00 | 0.00 | 0.30 | 0.58 | 0.00 | 0.00 |
| 29 | 0.11 | 0.00 | 0.00 | --- | --- | 0.00 | 0.01 | 0.00 | 0.00 | 1.56 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.13 | 0.02 | 0.00 | 0.59 | 0.11 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.14 | --- | 0.00 | --- | 0.05 | 0.00 | --- |
| TOTAL | 1.68 | 3.81 | --- | --- | 3.01 | 4.67 | 2.59 | 2.32 | 2.86 | 4.25 | 3.28 | 0.53 |



LOCATION.--Lat 35°06'35", long 80°40'52", Mecklenburg County, Hydrologic Unit 03040105, private residence, Mount Harmony Church Road, Matthews, NC.

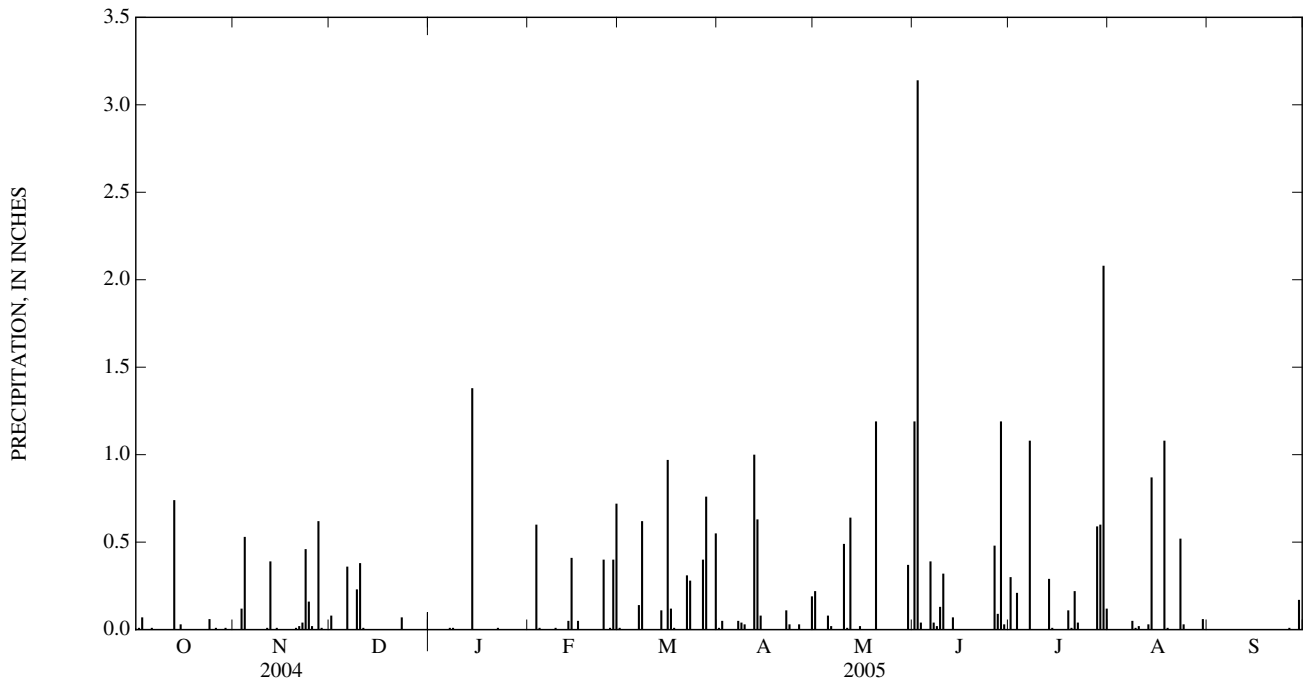
PERIOD OF RECORD.--February 1996 to current year. Records for period February 1996 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.01 | 0.01 | 0.22 | 1.19 | 0.30 | 0.00 | 0.00 |
| 2 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 3.14 | 0.00 | 0.00 | 0.00 |
| 3 | 0.07 | 0.12 | 0.00 | 0.00 | 0.60 | 0.00 | 0.00 | 0.00 | 0.04 | 0.21 | 0.00 | 0.00 |
| 4 | 0.00 | 0.53 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.01 | 0.00 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.39 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.14 | 0.05 | 0.00 | 0.04 | 1.08 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.62 | 0.04 | 0.00 | 0.02 | 0.00 | 0.05 | 0.00 |
| 9 | 0.00 | 0.00 | 0.23 | 0.00 | 0.01 | 0.00 | 0.03 | 0.00 | 0.13 | 0.00 | 0.01 | 0.00 |
| 10 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.49 | 0.32 | 0.00 | 0.02 | 0.00 |
| 11 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.39 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.74 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.63 | 0.00 | 0.07 | 0.29 | 0.03 | 0.00 |
| 14 | 0.00 | 0.01 | 0.00 | 1.38 | 0.41 | 0.11 | 0.08 | 0.00 | 0.00 | 0.01 | 0.87 | 0.00 |
| 15 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 1.08 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.01 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 1.19 | 0.00 | 0.01 | 0.00 | 0.00 |
| 21 | 0.00 | 0.02 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 |
| 22 | 0.00 | 0.04 | 0.00 | 0.01 | --- | 0.31 | 0.11 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 |
| 23 | 0.00 | 0.46 | 0.07 | 0.00 | 0.00 | 0.28 | 0.03 | 0.00 | 0.00 | 0.00 | 0.52 | 0.00 |
| 24 | 0.06 | 0.16 | 0.00 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| 25 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.03 | 0.00 | 0.48 | 0.00 | 0.00 | 0.01 |
| 27 | 0.00 | 0.62 | 0.00 | 0.00 | 0.40 | 0.40 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 |
| 28 | 0.00 | 0.01 | 0.00 | 0.00 | 0.72 | 0.76 | 0.00 | 0.00 | 1.19 | 0.59 | 0.00 | 0.00 |
| 29 | 0.01 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.00 | 0.03 | 0.60 | 0.00 | 0.17 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.19 | 0.37 | 0.00 | 2.08 | 0.06 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.55 | --- | 0.00 | --- | 0.12 | 0.00 | --- |
| TOTAL | 0.94 | 2.40 | 1.13 | --- | --- | 4.28 | 2.25 | 3.04 | 7.13 | 5.66 | 2.68 | 0.18 |



352718080484345 CRN44

LOCATION.--Lat 35°27'19", long 80°48'43", Mecklenburg County, Hydrologic Unit 03040105, private residence, Mayes Road, Huntersville, NC.

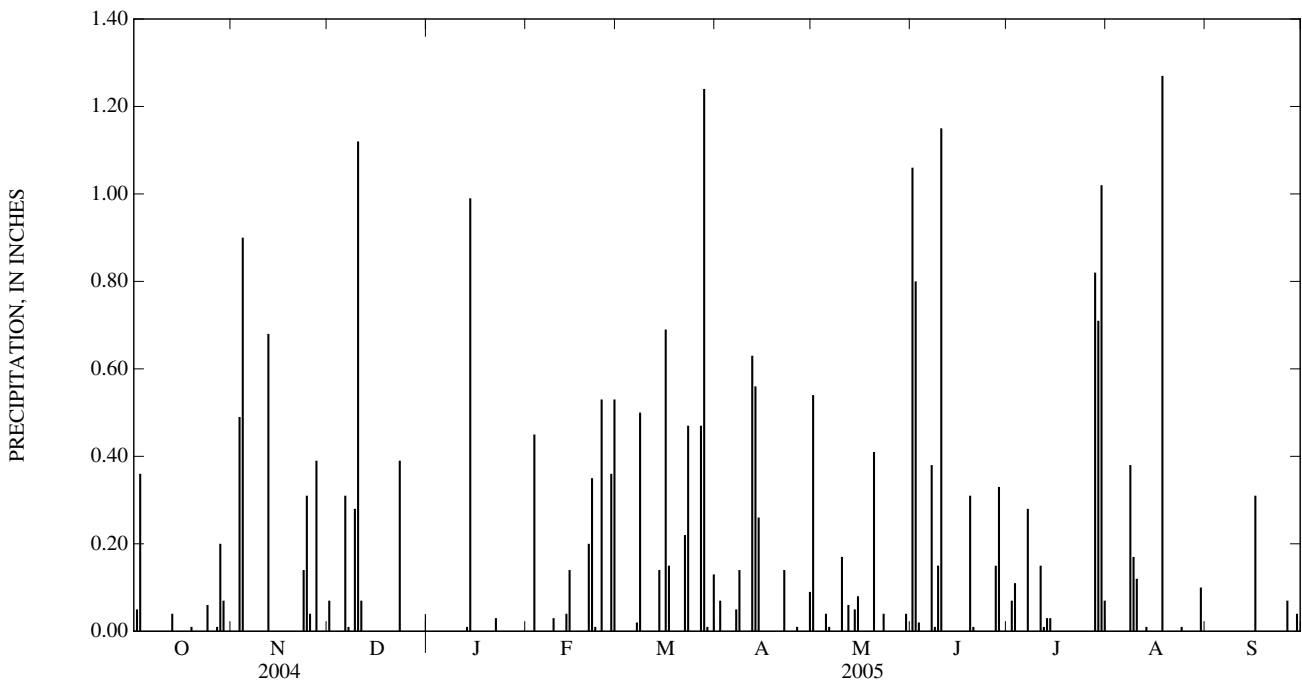
PERIOD OF RECORD.--January 1997 to current year. Records for period January 1997 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 1.06 | 0.00 | 0.00 | 0.00 |
| 2 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.80 | 0.07 | 0.00 | 0.00 |
| 3 | 0.36 | 0.49 | 0.00 | 0.00 | 0.45 | 0.00 | 0.00 | 0.00 | 0.02 | 0.11 | 0.00 | 0.00 |
| 4 | 0.00 | 0.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.02 | 0.05 | 0.00 | 0.38 | 0.28 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.14 | 0.00 | 0.01 | 0.00 | 0.38 | 0.00 |
| 9 | 0.00 | 0.00 | 0.28 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.17 | 0.00 |
| 10 | 0.00 | 0.00 | 1.12 | 0.00 | 0.00 | 0.00 | 0.00 | 1.17 | 1.15 | 0.00 | 0.12 | 0.00 |
| 11 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 |
| 12 | 0.00 | 0.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.63 | 0.06 | 0.00 | 0.01 | 0.00 | 0.00 |
| 13 | 0.04 | 0.00 | 0.00 | 0.01 | 0.04 | 0.00 | 0.56 | 0.00 | 0.00 | 0.03 | 0.01 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.99 | 0.14 | 0.14 | 0.26 | 0.05 | 0.00 | 0.03 | 0.00 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.27 | 0.00 |
| 19 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.41 | 0.01 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 0.00 | 0.03 | 0.01 | 0.22 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.14 | 0.39 | 0.00 | 0.00 | 0.47 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.06 | 0.31 | 0.00 | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 25 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 |
| 27 | 0.01 | 0.39 | 0.00 | 0.00 | 0.36 | 0.47 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 |
| 28 | 0.20 | 0.00 | 0.00 | 0.00 | 0.53 | 1.24 | 0.00 | 0.00 | 0.33 | 0.82 | 0.00 | 0.00 |
| 29 | 0.07 | 0.00 | 0.00 | --- | --- | 0.01 | 0.00 | 0.00 | 0.00 | 0.71 | 0.00 | 0.04 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.09 | 0.04 | 0.00 | 1.02 | 0.10 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.13 | --- | 0.00 | --- | 0.07 | 0.00 | --- |
| TOTAL | 0.80 | 2.95 | 2.25 | --- | 2.64 | 4.04 | 1.95 | 1.44 | 4.37 | 3.30 | 2.06 | 0.42 |



LOCATION.--Lat 35°21'35", long 80°46'20", Mecklenburg County, Hydrologic Unit 03040105, private residence, Johnston-Oehler Road, Charlotte, NC.

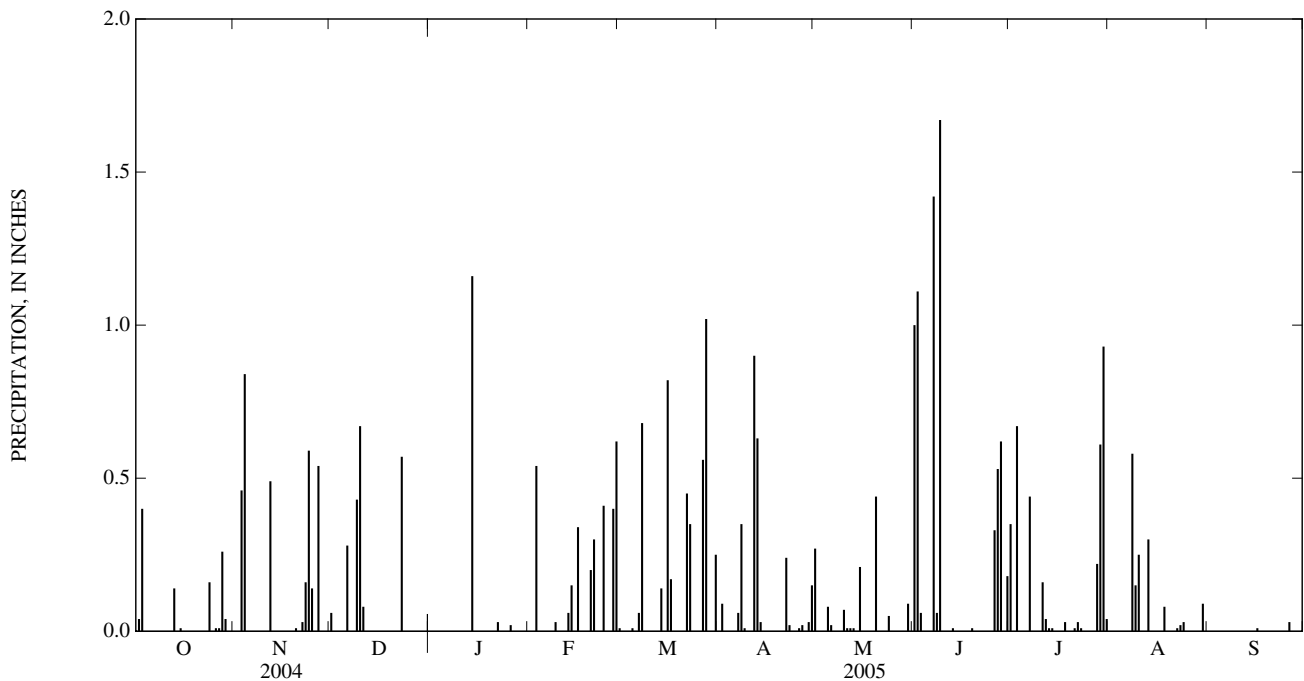
PERIOD OF RECORD.--January 1997 to current year. Records for period January 1997 to September 1998 published in USGS OFR 98-67 and 99-273.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.01 | 0.00 | 0.27 | 1.00 | 0.35 | 0.00 | 0.00 |
| 2 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 1.11 | 0.00 | 0.00 | 0.00 |
| 3 | 0.40 | 0.46 | 0.00 | 0.00 | 0.54 | 0.00 | 0.00 | 0.00 | 0.06 | 0.67 | 0.00 | 0.00 |
| 4 | 0.00 | 0.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.06 | 0.00 | 1.42 | 0.44 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.68 | 0.35 | 0.00 | 0.06 | 0.00 | 0.58 | 0.00 |
| 9 | 0.00 | 0.00 | 0.43 | 0.00 | 0.03 | 0.00 | 0.01 | 0.00 | 1.67 | 0.00 | 0.15 | 0.00 |
| 10 | 0.00 | 0.00 | 0.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.25 | 0.00 |
| 11 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.16 | 0.00 | 0.00 |
| 12 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.90 | 0.01 | 0.00 | 0.04 | 0.00 | 0.00 |
| 13 | 0.14 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.63 | 0.01 | 0.01 | 0.01 | 0.30 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.16 | 0.15 | 0.14 | 0.03 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 15 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.34 | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.08 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 22 | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.45 | 0.24 | 0.00 | 0.00 | 0.03 | 0.01 | 0.00 |
| 23 | 0.00 | 0.16 | 0.57 | 0.00 | 0.00 | 0.35 | 0.02 | 0.00 | 0.00 | 0.01 | 0.02 | 0.00 |
| 24 | 0.16 | 0.59 | 0.00 | 0.00 | 0.41 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.03 | 0.00 |
| 25 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.01 | 0.00 | 0.33 | 0.00 | 0.00 | 0.03 |
| 27 | 0.01 | 0.54 | 0.00 | 0.00 | 0.40 | 0.56 | 0.02 | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 |
| 28 | 0.26 | 0.00 | 0.00 | 0.00 | 0.62 | 1.02 | 0.00 | 0.00 | 0.62 | 0.22 | 0.00 | 0.00 |
| 29 | 0.04 | 0.00 | 0.00 | --- | --- | 0.00 | 0.03 | 0.00 | 0.00 | 0.61 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.15 | 0.09 | 0.18 | 0.93 | 0.09 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.25 | --- | 0.00 | --- | 0.04 | 0.00 | --- |
| TOTAL | 1.07 | 3.26 | 2.09 | --- | 3.05 | 4.52 | 2.54 | 1.26 | 7.00 | 3.56 | 1.51 | 0.04 |



352623080434145 CRN63

LOCATION.--Lat 35°26'23", long 80°43'41", Mecklenburg County, Hydrologic Unit 03040105, Odell Elementary School, Odell School Road, Concord, NC.

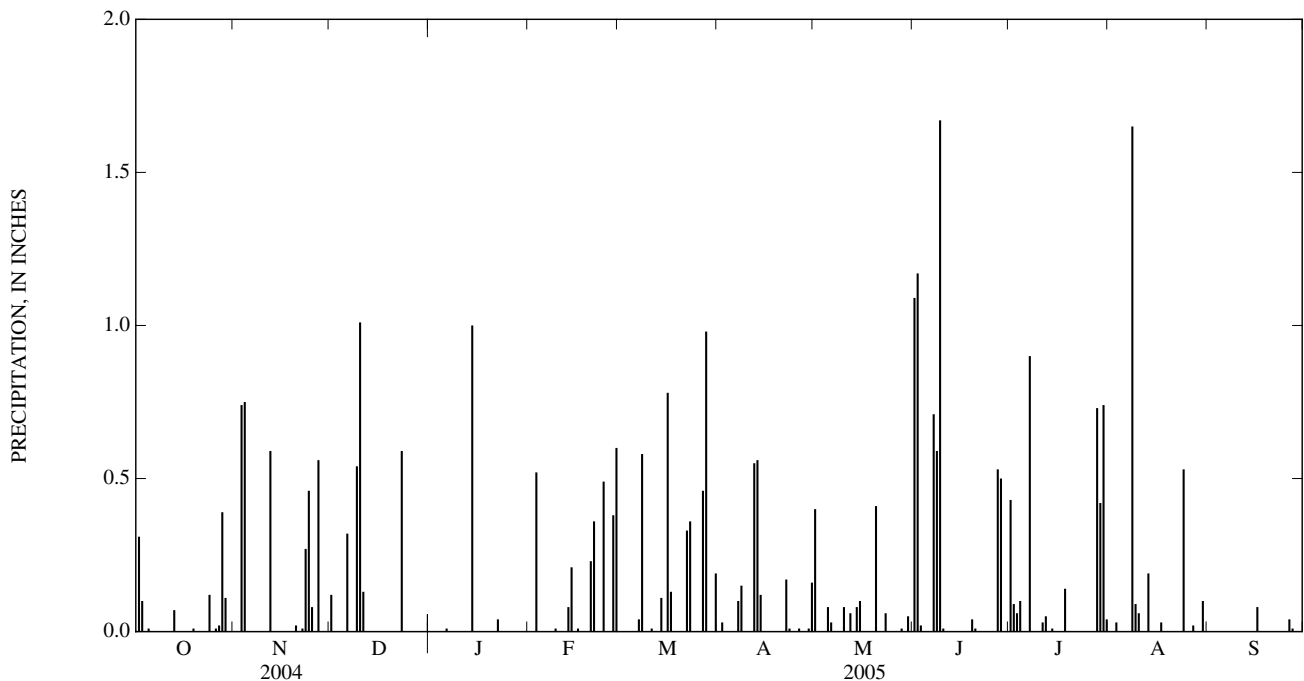
PERIOD OF RECORD.--October 2002 to September 2003. Records for October 2001 to September 2002 at site Odell Volunteer Fire Department, Concord, NC (station 352624080434645).

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 1.09 | 0.43 | 0.00 | 0.00 |
| 2 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 1.17 | 0.09 | 0.00 | 0.00 |
| 3 | 0.10 | 0.74 | 0.00 | 0.00 | 0.52 | 0.00 | 0.00 | 0.00 | 0.02 | 0.06 | 0.03 | 0.00 |
| 4 | 0.00 | 0.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 |
| 5 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.32 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.10 | 0.00 | 0.71 | 0.90 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | 0.15 | 0.00 | 0.59 | 0.00 | 1.65 | 0.00 |
| 9 | 0.00 | 0.00 | 0.54 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 1.67 | 0.00 | 0.09 | 0.00 |
| 10 | 0.00 | 0.00 | 1.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.01 | 0.00 | 0.06 | 0.00 |
| 11 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 12 | 0.00 | 0.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.55 | 0.06 | 0.00 | 0.05 | 0.00 | 0.00 |
| 13 | 0.07 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.00 | 0.21 | 0.11 | 0.12 | 0.08 | 0.00 | 0.01 | 0.00 | 0.00 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | --- | 0.00 |
| 19 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | --- | 0.00 |
| 20 | 0.00 | 0.02 | 0.00 | 0.00 | 0.23 | 0.00 | 0.00 | 0.41 | 0.01 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.01 | 0.00 | 0.04 | 0.00 | 0.33 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.27 | 0.59 | 0.00 | 0.00 | 0.36 | 0.01 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.12 | 0.46 | 0.00 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.53 | 0.00 |
| 25 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 |
| 27 | 0.02 | 0.56 | 0.00 | 0.00 | 0.38 | 0.46 | 0.00 | 0.00 | 0.53 | 0.00 | 0.02 | 0.01 |
| 28 | 0.39 | 0.00 | 0.00 | 0.00 | 0.60 | 0.98 | 0.00 | 0.01 | 0.50 | 0.73 | 0.00 | 0.00 |
| 29 | 0.11 | 0.00 | 0.00 | --- | --- | 0.00 | 0.01 | 0.00 | 0.00 | 0.42 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.16 | 0.05 | 0.00 | 0.74 | 0.10 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.19 | --- | 0.00 | --- | 0.04 | 0.00 | --- |
| TOTAL | 1.15 | 3.48 | 2.71 | --- | 2.89 | 3.97 | 1.87 | 1.36 | 6.34 | 3.74 | --- | 0.13 |



LOCATION.--Lat 35°15'36", long 80°41'06", Mecklenburg County, Hydrologic Unit 03040105, Reedy Creek Elementary School, Plaza Road Extension, Charlotte, NC.

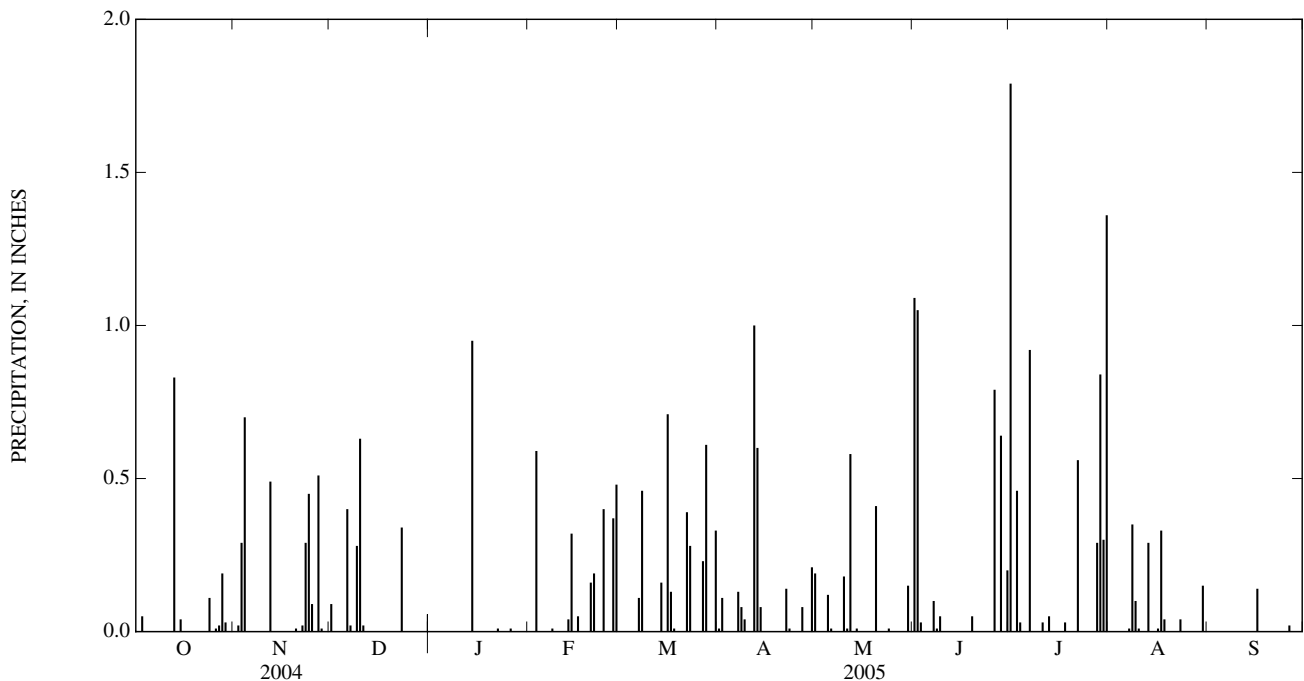
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.01 | 0.19 | 1.09 | 1.79 | 0.00 | 0.00 |
| 2 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 1.05 | 0.00 | 0.00 | 0.00 |
| 3 | 0.05 | 0.29 | 0.00 | 0.00 | 0.59 | 0.00 | 0.00 | 0.00 | 0.03 | 0.46 | 0.00 | 0.00 |
| 4 | 0.00 | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.11 | 0.13 | 0.00 | 0.10 | 0.92 | 0.01 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.46 | 0.08 | 0.00 | 0.01 | 0.00 | 0.35 | 0.00 |
| 9 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.05 | 0.00 | 0.10 | 0.00 |
| 10 | 0.00 | 0.00 | 0.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.00 | 0.00 | 0.01 | 0.00 |
| 11 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.03 | 0.00 | 0.00 |
| 12 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.83 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.60 | 0.00 | 0.00 | 0.05 | 0.29 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.95 | 0.32 | 0.16 | 0.08 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.14 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.16 | 0.00 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.39 | 0.14 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 |
| 23 | 0.00 | 0.29 | 0.34 | 0.00 | 0.00 | 0.28 | 0.01 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| 24 | 0.11 | 0.45 | 0.00 | 0.00 | 0.40 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 | 0.00 | 0.00 | 0.02 |
| 27 | 0.02 | 0.51 | 0.00 | 0.00 | 0.37 | 0.23 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 0.19 | 0.01 | 0.00 | 0.00 | 0.48 | 0.61 | 0.00 | 0.00 | 0.64 | 0.29 | 0.00 | 0.00 |
| 29 | 0.03 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.84 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.21 | 0.15 | 0.20 | 0.30 | 0.15 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.33 | --- | 0.00 | --- | 1.36 | 0.00 | --- |
| TOTAL | 1.28 | 2.88 | 1.78 | --- | 2.61 | 3.42 | 2.49 | 1.67 | 4.01 | 6.66 | 1.33 | 0.16 |



350857080383245 CRN67

LOCATION.--Lat 35°08'57", long 80°38'32", Mecklenburg County, Hydrologic Unit 03040105, Thompson Road, Mint Hill, NC.

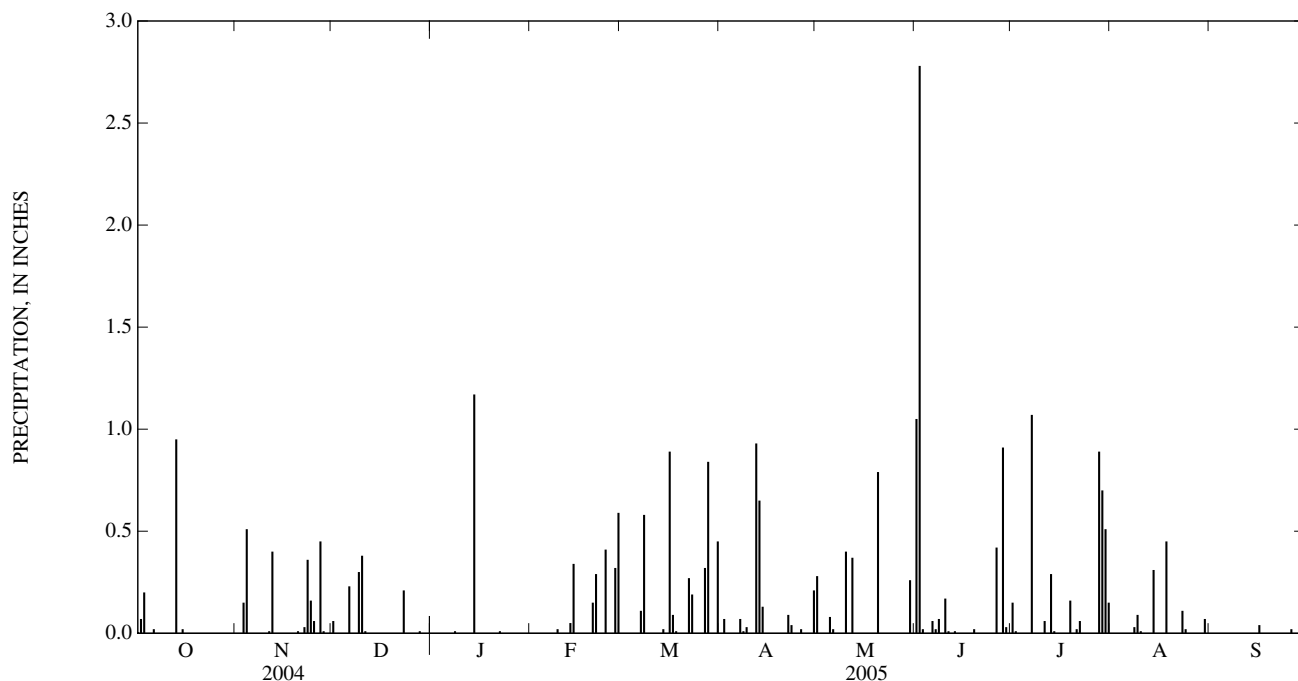
PERIOD OF RECORD.--November 2002 to September 2003

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28 | 1.05 | 0.15 | 0.00 | 0.00 |
| 2 | 0.07 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.07 | 0.00 | 2.78 | 0.01 | 0.00 | 0.00 |
| 3 | 0.20 | 0.15 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.51 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.02 | 0.00 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.06 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.07 | 0.00 | 0.02 | 1.07 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.58 | 0.01 | 0.00 | 0.07 | 0.00 | 0.03 | 0.00 |
| 9 | 0.00 | 0.00 | 0.30 | 0.00 | 0.02 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 |
| 10 | 0.00 | 0.00 | 0.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.17 | 0.00 | 0.01 | 0.00 |
| 11 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.06 | 0.00 | 0.00 |
| 12 | 0.00 | 0.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.93 | 0.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.95 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 | 0.65 | 0.00 | 0.01 | 0.29 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.17 | 0.34 | 0.02 | 0.13 | 0.00 | 0.00 | 0.01 | 0.31 | 0.00 |
| 15 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.89 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.04 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.45 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.16 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.79 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 |
| 22 | 0.00 | 0.03 | 0.00 | 0.01 | 0.00 | 0.27 | 0.09 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 |
| 23 | 0.00 | 0.36 | 0.21 | 0.00 | 0.00 | 0.19 | 0.04 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 |
| 24 | 0.00 | 0.16 | 0.00 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 |
| 25 | 0.00 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.42 | 0.00 | 0.00 | 0.02 |
| 27 | 0.00 | 0.45 | 0.00 | 0.00 | 0.32 | 0.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 0.00 | 0.01 | 0.01 | 0.00 | 0.59 | 0.84 | 0.00 | 0.00 | 0.91 | 0.89 | 0.00 | 0.00 |
| 29 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.00 | 0.03 | 0.70 | 0.00 | 0.17 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.21 | 0.26 | 0.00 | 0.51 | 0.07 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.45 | --- | 0.00 | --- | 0.15 | 0.00 | --- |
| TOTAL | 1.26 | 2.15 | 1.20 | --- | --- | 3.77 | 2.25 | 2.20 | --- | 4.08 | 1.09 | 0.23 |



LOCATION.--Lat 35°11'45", long 80°37'20", Mecklenburg County, Hydrologic Unit 03040105, White Farm, Bartlett Road, Mint Hill, NC.

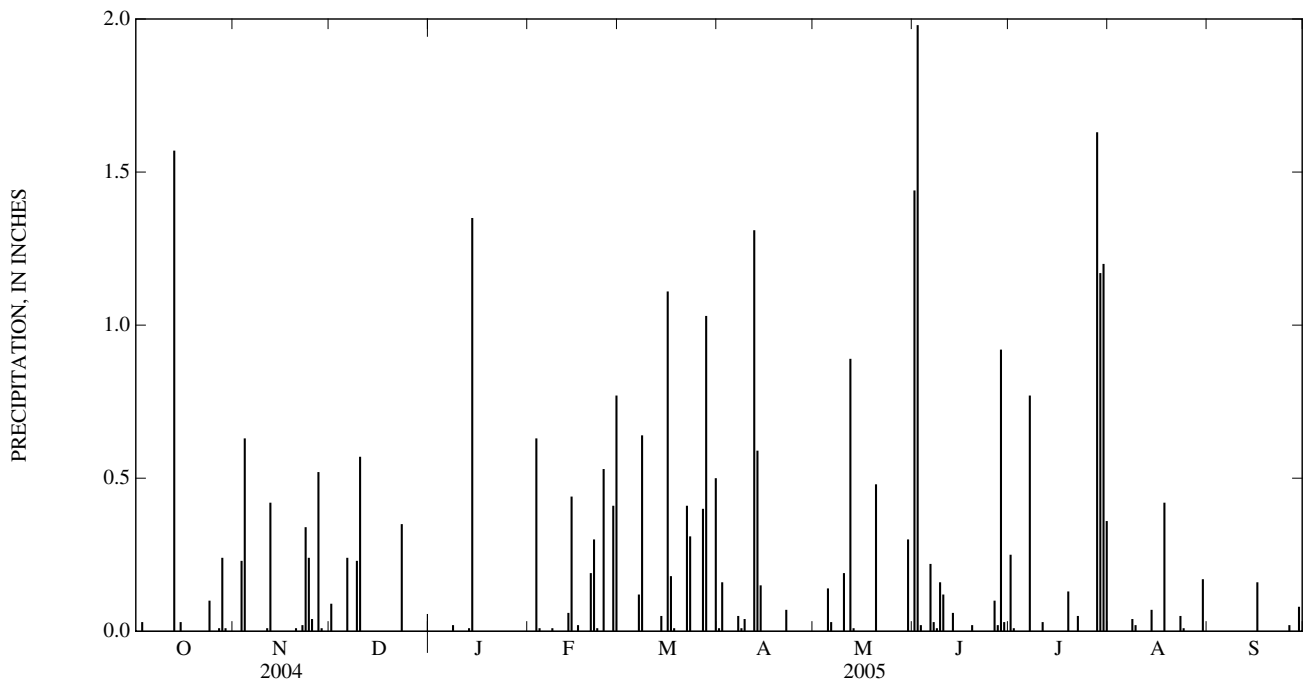
PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Radio telemetry at station.

REMARKS.--Gage is operated as part of Charlotte/Mecklenburg Rainfall Runoff Network. Collection of frozen precipitation during January 2005 is not reflected in daily or monthly totals.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.09 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 1.44 | 0.25 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 | 0.00 | 1.98 | 0.01 | 0.00 | 0.00 |
| 3 | 0.03 | 0.23 | 0.00 | 0.00 | 0.63 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.63 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.22 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.05 | 0.00 | 0.03 | 0.77 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.64 | 0.01 | 0.00 | 0.01 | 0.00 | 0.04 | 0.00 |
| 9 | 0.00 | 0.00 | 0.23 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.16 | 0.00 | 0.02 | 0.00 |
| 10 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.12 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 12 | 0.00 | 0.42 | 0.00 | 0.00 | 0.00 | 0.00 | 1.31 | 0.89 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 1.57 | 0.00 | 0.00 | 0.01 | 0.06 | 0.00 | 0.59 | 0.01 | 0.06 | 0.00 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.35 | 0.44 | 0.05 | 0.15 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 |
| 15 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 1.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.16 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.42 | 0.00 |
| 19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.13 | 0.00 | 0.00 |
| 20 | 0.00 | 0.01 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.02 | 0.00 | 0.00 | 0.01 | 0.41 | 0.07 | 0.00 | 0.00 | 0.05 | 0.00 | 0.00 |
| 23 | 0.00 | 0.34 | 0.35 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.00 |
| 24 | 0.10 | 0.24 | 0.00 | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 25 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.02 |
| 27 | 0.01 | 0.52 | 0.00 | 0.00 | 0.41 | 0.40 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 28 | 0.24 | 0.01 | 0.00 | 0.00 | 0.77 | 1.03 | 0.00 | 0.00 | 0.92 | 1.63 | 0.00 | 0.00 |
| 29 | 0.01 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.00 | 0.03 | 1.17 | 0.00 | 0.08 |
| 30 | 0.00 | 0.00 | 0.00 | --- | --- | 0.00 | 0.00 | 0.30 | 0.00 | 1.20 | 0.17 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.50 | --- | 0.00 | --- | 0.36 | 0.00 | --- |
| TOTAL | 1.99 | 2.47 | 1.48 | --- | 3.38 | 4.76 | 2.39 | 2.04 | 5.13 | 5.60 | 0.78 | 0.26 |



354822080521501 PRECIPITATION AT STATESVILLE, NC

LOCATION.--Lat 35°48'37", long 80°52'51", Iredell County, Hydrologic Unit 03040102, Statesville WWTP, Sunset Hill Road, Statesville, NC.

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Tipping-bucket raingage and electronic datalogger. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.45 | 0.01 | 0.00 | 0.00 |
| 2 | 0.16 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 | 0.00 | 0.48 | 0.11 | 0.00 | 0.00 |
| 3 | 0.00 | 0.36 | 0.00 | 0.00 | 0.42 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 |
| 4 | 0.00 | 1.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.12 | 0.05 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.03 | 0.00 |
| 7 | 0.00 | 0.00 | 0.06 | 0.01 | 0.00 | 0.01 | 0.03 | 0.00 | 0.02 | 3.15 | 0.19 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.10 | 0.00 | 0.48 | 0.45 | 0.00 | 0.01 | 0.00 | 0.13 | 0.00 |
| 9 | 0.00 | 0.00 | 1.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.00 | 1.15 | 0.00 |
| 10 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.29 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.01 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.43 | 0.00 | 0.00 |
| 12 | 0.00 | 1.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.21 | 0.00 | 0.00 | 0.51 | 0.07 | 0.09 | 1.21 | 0.00 | 0.01 | 0.78 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 1.26 | 0.12 | 0.05 | 0.04 | 0.07 | 0.00 | 0.06 | 0.00 | 0.00 |
| 15 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.08 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.40 | 0.00 | 0.01 | 0.00 | 0.01 | 0.36 | 0.03 |
| 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 18 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 1.59 | 0.00 |
| 19 | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.11 | 0.27 | 0.00 | 0.00 |
| 20 | 0.00 | 0.04 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 0.38 | 0.01 | 0.00 | 0.00 | 0.08 |
| 21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| 22 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.22 | 0.29 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 |
| 23 | 0.00 | 0.74 | 0.95 | 0.00 | 0.00 | 0.47 | 0.01 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.09 | 0.81 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 |
| 27 | 0.09 | 0.37 | 0.00 | 0.00 | 0.16 | 0.26 | 0.00 | 0.00 | 0.01 | 0.22 | 0.00 | 0.00 |
| 28 | 0.26 | 0.00 | 0.00 | 0.00 | 0.90 | 1.77 | 0.00 | 0.06 | 0.10 | 0.23 | 0.00 | 0.00 |
| 29 | 0.09 | 0.00 | 0.00 | 0.00 | --- | 0.00 | 0.09 | 0.00 | 0.23 | 0.50 | 0.00 | 0.00 |
| 30 | 0.00 | 0.00 | 0.00 | 0.46 | --- | 0.00 | 0.10 | 0.00 | 0.01 | 0.34 | 0.02 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.01 | --- | 0.01 | --- | 0.00 | --- | 0.78 | 0.00 | --- |
| TOTAL | 0.99 | 5.31 | 3.76 | 2.42 | 2.59 | 4.06 | 2.57 | 1.66 | 2.41 | 7.13 | 3.47 | 0.14 |

